

**A CONSPECTUS OF NEW RECORDS AND
NOMENCLATURE FOR VASCULAR PLANTS
IN VICTORIA DURING THE PERIOD 1970-1977***

by

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INTRODUCTION

This conspectus presents a comprehensive list of names, references and new records that have a bearing on the known vascular flora of Victoria and which are additional to the information in J.H. Willis, 'A Handbook to Plants in Victoria 1, Ferns, Conifers and Monocotyledons', 2nd ed. (1970) and 2, 'Dicotyledons' (1973).‡

This paper is the first of a series designed to provide interested botanists with a full conspectus of taxonomic work relevant to the plants of Victoria, but without the selective taxonomic judgements made by the authors of floras and at intervals of time more frequent than the publishing intervals of floras, keys or handbooks. Further papers will be published in *Muelleria* as the need arises.

The date that this synopsis commences is set at 1970 as most work prior to that date is referred to by Willis (1970, 1973). Occasional references that are earlier than 1970 have been included.

The list of additional indigenous species includes those that have been described in taxonomic revisions. In most cases voucher material is held in the National Herbarium of Victoria (MEL); in a few cases reliance has been placed on specimens cited by a reviser but held in other internationally recognised herbaria. Collections held by MEL are indicated by that symbol (with or without an associated sheet number) except where they are already listed as present at MEL in the literature cited.

Records of the occurrence of species known previously from other states in Australia but which are new records for Victoria, have only been listed here when voucher specimens have been lodged in the National Herbarium of Victoria.

Introduced plants which have been found growing spontaneously in Victoria are in a separate list. Those which seem to be established well enough to be regarded as naturalized are marked with an asterisk.

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‡ With both A.J. Ewart's 'Flora of Victoria' and Willis's 'Handbook to Plants in Victoria', Volume 2, the year on the title page is earlier than the year of issue. The former has 1930 on the title page but was issued in April, 1931; the latter has 1972 on the title page but was issued in January, 1973. See Eichler (1977 : 17).

There is a short list of plants now believed to be absent from Victoria although previously reported to occur there. One of these, *Ptilotus polakii* F. Muell., is an example of the detailed local knowledge that is sometimes needed to interpret herbarium labels correctly. This species was reported by Benl (1971) to occur in Western Australia, New South Wales and Victoria. No Victorian material of it was held at MEL. Dr. Benl found that the record for Victoria was based on a specimen with the label "Midland Railway Vict. coll. R. Helms 98". This was actually a specimen for Western Australia where the old Midland Railway ran from Midland Junction, 10 miles east of Perth, northwards to Geraldton. Bartholomew's 'Atlas of Australasia' (Nelson; 1890), shows a Victoria Plains station on the Midland Railway about 70 miles north-north-east of Perth. From 1896 to 1899 Helms was biologist at the Western Australian Department of Agriculture.

In a number of cases the names used by Willis (1970, 1973) were incorrectly applied. As the taxa to which these misapplied names referred are still present in the Victorian flora the names are not mentioned as deletions but are listed among the changes of nomenclature.

Changes in nomenclature are listed here regardless of whether or not they are generally accepted by taxonomists. Acceptance or rejection of any change is left to the reader's judgement. The choice in some cases depends on the preferred generic concept for the species in question. For example Willis (1973) refers to *Marianthus procumbens* (Hook.) Benth. McGillivray (1975) resurrected the name *Rhytidosporum procumbens* (Hook.) F. Muell. for the species, and Bennett (1978) placed it as *Billardiera procumbens* (Hook.) E.M. Bennett.

Taxonomic agreement by authors that has led to nomenclatural stability can be traced through the following example. *Neopaxia australasica* (Hook.f.) O. Nilsson was proposed in 1966. Willis (1973) chose to retain the species in the genus *Montia* as *M. australasica* (Hook.f.) Pax & Hoffm. McNeill (1975) in his revision of the Portulacaceae tribe Montieae, has also chosen to retain the species in the genus *Montia*, reducing *Neopaxia* to synonymy.

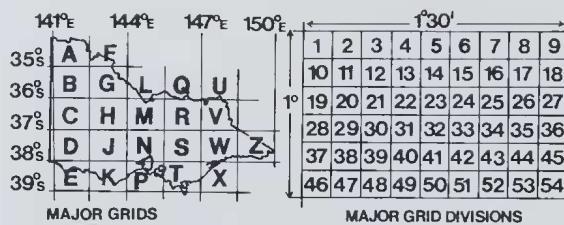


Fig. 1. Key to grid references.

Grid references given for localities are those used by Churchill & de Corona (1972) and Willis (1973), and shown here in figure 1. For any specified collection, its reference, e.g. M or M28, immediately precedes the locality for that collection. A question mark indicates a grid reference which is thought to be correct but may be slightly inaccurate.

The compilation of these lists has been made possible only by the co-operation of many people who have, as far as possible, been acknowledged here or mentioned in the text. The author requests that her attention be drawn to any further records of new species for Victoria (with voucher specimens) and to any changes in nomenclature for Victorian plants, some of which appear in obscure journals. Any errors and omissions in the present text will be corrected in a future paper.

NEW RECORDS — INDIGENOUS PLANTS

- Acacia nyssophylla** F. Muell., *Fragn. Phytogr. Austr.* 4: 4 (1863). Mimosaceae.
 This is considered (B.R. Maslin, pers. comm.) to be distinct from *A. colletioides* Benth. and to be separable from it as follows:
- Phyllodes 8-nerved (nerves well-spaced, yellowish, quite obvious) *A. colletioides*
 - Phyllodes 16-(or more) nerved (nerves very close together and generally less distinct than above) *A. nyssophylla*
- Collected at a number of places in grid A, e.g. A21, 21 km east of Morkalla, A.C. Beaglehole et al. ACB 56216, 14.v.1977 (MEL 522754).
- Acacia subporosa** F. Muell., *Pl. Indig. Colony Vict.* 2: 24 (1863). Mimosaceae. Z36, Howe Ranges at Morrison Creek, west of Howe Hill, A.C. Beaglehole et al. ACB 31380, 30.x.1969 (MEL 522742).
- Acacia subtilinervis** F. Muell., *Pl. Indig. Colony Vict.* 2: 32 (1863). Mimosaceae. W18, spur near the Snowy River Gorge, c. 250 m above the Snowy River, K.C. Rogers, 3.ii.1973 (MEL); W18, Snowy River Gorge below Tulach Ard, A.C. Beaglehole & K.C. Rogers ACB 37701, 31.iii.1971 (MEL).
- Amaranthus macrocarpus** Benth., *Fl. Austr.* 5: 216 (1870) Amaranthaceae. A, Mildura, south side of Murray River, A.C. Beaglehole ACB 30630, 6.iv.1969 (MEL).
- Ammobium alatum** R.Br. ex Sims, *Curtis's Bot. Mag.* t. 2459 (1824). Compositae. V54, Willis, banks of the Snowy River, J.H. Willis, 2.xi.1973 (MEL).
- Asplenium hookeranum** Colenso, *Tasman. J. Nat. Sci.* 2: 169 (1846). Aspleniaceae. S17, Bryce's Gorge, Snowy Range area, under overhanging rock ledges, P. Turner, 20.i.1971 (MEL).
- Bassia birchii** (F. Muell.) F. Muell., *Syst. Census Austral. Pl.* 30 (1882). Basionym: *Anisacantha birchii* F. Muell., *Fragn. Phyt. Austr.* 8: 163 (1874). Chenopodiaceae. M28, Yarraberb, Anon., vii.1973 (MEL); C, Nhill district, F.J. Corry, iv.1974; R22, Thoona, commun. W.T. Parsons, 22.vii.1977 (MEL 525314), and other localities. The isolated plants found in Victoria have been destroyed as the species is a troublesome weed in New South Wales and Queensland where it is indigenous.
- Bassia convexula** R.H. Anderson, *Proc. Linn. Soc. N.S.W.* 48: 346, t. 36 (1923). Chenopodiaceae. F47, ± 8 miles west of Annuello, on a sandy flat, apparently an isolated occurrence, N. Macfarlane 12.ix.1971 (MEL). In 1975 Macfarlane, who lives in the district, said that he had not seen the species again.
- Boronia citriodora** Gunn ex Hook.f., *Fl. Tasm.* 1: 68 (1860). Rutaceae. S35, headwaters of Stony Creek, Mt. Wellington area, E. Chesterfield, 15.vii.1973 (MEL); S35, eastern head of Stony Creek, 4 miles east of Licola, J.H. Willis, 20.x.1973 (MEL).
- Brunoniella pumilio** (R.Br.) Bremekamp, *Proc. Kon. Ned. Akad. Wetensch. Amsterdani Ser. C.* 67: 305 (1964). Basionym: *Ruellia pumilio* R.Br., Prodri. Fl. Novae Holl. 479 (1810). Acanthaceae. Z25, Mallacoota Inlet National Park, A.C. Beaglehole ACB 33552, 28.vii.1970 and ACB 34380, 24.x.1970 (both MEL).
- Bursaria lasiophylla** E.M. Bennett var. *atricipicina* E.M. Bennett, *Nuytsia* 2: 192, fig. 4 G-J (1978). Pittosporaceae. South-eastern & western Victoria, MEL.
- Bursaria lasiophylla** E.M. Bennett var. *lasiophylla*, *Nuytsia* 2: 192, fig. 4 A-C (1978). Pittosporaceae. Northern to north-eastern Victoria. MEL.
- Bursaria lasiophylla** E.M. Bennett var. *parvifolia* E.M. Bennett, *Nuytsia* 2: 194, fig. 4 K-L (1978). Pittosporaceae. Western Victoria, from Inglewood to Stawell. MEL.
- Bursaria spinosa** Cav., *Icon. et Descript. Pl.* 4: 30, t. 350 (1797) var. *australis* E.M. Bennett, *Nuytsia* 2: 195, fig. A-C (1978). Pittosporaceae. North-western Victoria. MEL.
- Bursaria spinosa** Cav. var. *obovata* E.M. Bennett, *Nuytsia* 2: 197 fig. 5 F (1978). Pittosporaceae. Eastern Victoria. MEL.

- Caladenia echidnachila** W.H. Nicholls, *Pap. & Proc. Roy. Soc. Tas.* 1932: 13, t. 6, fig. A-G (1933). Orchidaceae. N54, Dandenong Ranges M.G. Corrick 2601, 19.x.1971 (MEL).
- Calandrinia volubilis** Benth., *Fl. Austr.* 1: 174 (1863). Portulaceae. Collected A16, Lake Ranfurley, 1974 and A33, north-west corner of the Raak Plains, 1974, both collections at MEL. See M.A. Todd, *Muelleria* 3: 191-196 (1976). Also A32, Rocket Lake, *J.H. Browne*, 30.x.1977 (MEL). All occurrences were at salt lakes, usually in association with *Disphyma* and *Arthrocnemum*.
- Cheiranthera alternifolia** E.M. Bennett, *Nuytsia* 2: 197, fig. 6 D-H (1978). Pittosporaceae. North-western Victoria.
- Chorizandra sphaerocephala** R.Br., *Prodr. Fl. Novae Holl.* 221 (1810). Cyperaceae. Z?34, 7 miles west of Genoa, just north of the Princes Highway, abundant on peaty sand over clay, *D. Cameron*, 30.v.1972 (MEL).
- Corybas hispidus** D.L. Jones, *Vict. Nat.* 90: 96, t. 1, fig. 1 (1973). Orchidaceae. V, W and ?Z — several records centred on the Wulgulmerang to Bonang region.
- Cyperus sphaeroideus** L.A.S. Johnson & O. Evans, *Contr. N.S.W. Natl Herb.* 4: 378 (1973). Cyperaceae. V31, junction of Dart and Mitta Mitta Rivers, *G. McCarthy*, xii.1973 (MEL); W?40, Bairnsdale district, *T.S. Hart* 306, date ?, (MEL).
- Dampiera** sp. Goodeniaceae. Reported as *D. scottiana* F. Muell., *Phyt. Austr.* 11: 120 (1881) by J. Galbraith in *Vict. Nat.* 93: 161 (1976), but considered by R.C. Carolin, University of Sydney (pers. comm.), not to be that species. Investigation by Carolin still proceeding. S?44, near McMillan's Lookout, 9½ miles south-south-east of Licola, about 1 mile east of the Heyfield road, c. 1000 ft alt., fairly abundant in two or three small areas, *E. Chesterfield*, 18.vi.1973 (MEL) and also *A.C. Beaglehole et al.* ACB 43382, 21.x.1973 (SYD).
- Deyeuxia affinis** M. Gray, *Contr. Herb. Austr.* No. 26: 9 (1976). Gramineae. V, Bogong High Plains, alpine and subalpine tracts.
- Dichelachne rara** (R.Br.) J. Vickery, *Contr. N.S.W. Natl Herb.* 1: 337 (1951). Basionym: *Agrostis rara* R.Br., *Prodr. Fl. Novae Holl.* 171 (1810). Gramineae. V52, about 1 km north-east of Ram's Horn, Cobberas area, and V?53, Rocky Plain, north-west of the Wombargo Range, 4400 ft. alt., both collected by *J.H. Willis & K.C. Rogers*, 21.2.1974 (MEL).
- Dillwynia ramosissima** Benth., *Ann. Wiener Mus. Naturgesch.* 2: 79 (1840). Papilionaceae. T6 and T7, Boola Boola State Forest, 30 km north of Moe, *A. Morton*, 3.x.1974 (MEL); N?47, Brisbane Range, *F. Lobb*, x.1976 (MEL); J8, Paddy's Ranges, Maryborough State Forest, *W. Waddell*, 28.vii.1957 (MEL); N?11, 5 miles south-east of Fryerstown, *T.B. Muir* 4728, 10.x.1969 (MEL).
- Dipodium hamiltonianum** F.M. Bailey, *Proc. Linn. Soc. N.S.W.* 6: 140 (1882). Orchidaceae. W8 or W9, near Wulgulmerang, *L.S. Poole*, 27.xii.1966 (MEL); R16, near Chiltern, *T.B. Muir*, 27.i.1974 (MEL).
- Discaria nitida** R.D. Tortosa, *Hickenia* 1, No. 19: 109-111 (1977). Rhamnaceae. W3, Cobungra, c. 3000 ft. alt., *H.B. Williamson*, xii.1928 (MEL 56204), type collection; Snowy River, *F. Mueller*, i.1855 (MEL 56208).
- Echinopogon caespitosus** C.E. Hubbard, *Hook. Icon. Pl.* 33: sub t. 3261, p. 6 (1935). Gramineae. S53, Glenmaggie Reservoir, south-east shores, *J.H. Willis & A.C. Beaglehole*, 16.x.1973 (MEL).
- Epacris glacialis** (F. Muell.) M. Gray, *Contr. Herb. Austr.* No. 26: 5 (1976). Basionym: *E. heteronema* var. *glacialis* F. Muell., *Phragm. Phytopogr. Austr.* 6: 71 (1867). Ericaceae. V, Bogong High Plains area.
- Epilobium billardierianum** Ser. ex DC. ssp. **hydrophyllum** P.H. Raven & T. Englehorn, *New Zealand J. Bot.* 9: 347 (1971). Onagraceae. MEL holds collections from grids V, W and Z, e.g. Z15, Upper Genoa River, *A.C. Beaglehole & K.C. Rogers* ACB 35007, 30.xi.1970; V51, Bentleys Plains Road, south of Benambra to Wulgulmerang Road, *A.C. Beaglehole* ACB 36756, 17.ii.1971.
- E. billardierianum** ssp. **intermedium** P.H. Raven & T. Englehorn, *New Zealand J. Bot.* 9: 348 (1971). Onagraceae. Common along the coast and also present

further inland e.g. Little Desert and Grampians (Mt. Arapiles). A number of Victorian collections are held at MEL including Ninety Mile Beach, *Raven & Engelhorn* 25732, 2.ii.1970; C?29, Little Desert, south of Kaniva, *A.C. Beauglehole ACB* 17145, x.1949.

Epilobium brunnescens (Cockayne) Raven & Engelhorn ssp. **beaugleholei** West & Raven, *New Zealand J. Bot.* 15: 507 (1977). Onagraceae. S17, 37° 17'S, 146° 47'E, Upper Conglomerate Creek, along mossy ledges within spray of falls, *A.C. Beauglehole & E.A. Chesterfield ACB* 40922, 2.i.1973 (MEL 501217).

Eriostemon virgatus Hook.f., *J. Bot. (Hooker)* 2: 417 (1840). Rutaceae. Z23, Mt. Kaye, upper Cann River valley, *K.C. Rogers & E.V. Barton*, 12.xii.1971 (MEL).

Erythranthera australis (Petrie) Zotov, *New Zealand J. Bot.* 1: 124-125 (1963). Gramineae. Basionym: *Triodia australis* Petrie, *Trans. Proc. New Zealand Inst.* 22: 442 (1890). Syn.: *Dauthonia petriei* Zotov (1943) non *D. australis* Buchanan (1872). An alpine grass. Only one Victorian collection — V47, Head of Middle Creek, near Mt. Cope, Bogong High Plains, i.1954. See M. Gray, *Contr. Herb. Austr.* No. 6, 3-4 (1974).

Eucalyptus saxatilis J.B. Kirkpatrick & M.I.H. Brooker, *Austral. Forest Res.* 7: 209-213 (1977). Myrtaceae. This species is referred to by Willis (1973:420) as a presumed hybrid between *E. glaucescens* Maiden & Blakely and *E. pseudoglobulus* Naudin ex Maiden. V53, Stradbroke Chasm near Suggan Buggan (MEL 50833); W8, Little River Gorge; W9, Mt. Wheeler.

Euphorbia planiticola D.C. Hassall, *Austral. J. Bot.* 25: 446 (1977). Euphorbiaceae. Grows in deeply cracking clayey soils. H36, Inglewood; H8, 10 km north of Boort; G45, Kerang. In Victoria it has been confused with *E. tannensis* ssp. *eremophila* (syn. *E. eremophila* A. Cunn.).

Gahnia ancistrophylla Benth., Fl. Austr. 7: 415 (1878). Cyperaceae. D8 and D9, Wallaby Rocks — Asses Ears area of the Grampians, *A.C. Beauglehole*, 8.ix.1969 (MEL).

Galium ciliare Hook.f., *Hook. London J. Bot.* 6: 461 (bis) (1847). Rubiaceae. According to McGillivray & Ehrendorfer, who are revising *Galium* in Australia, this species is distinct from *G. propinquum* A. Cunn. (McGillivray, pers. comm.). MEL holds collections from grids N, S and W, e.g. S, shady banks of the Delatite, F. Mueller, iii.1853; W?3, west of Cobungra, V. Jacobs, 4.i.1974. In 1975 V. Jacobs made a number of collections in the Cobungra district where he found it to be quite plentiful.

Gnaphalium fordianum M. Gray, *Contr. Herb. Austr.* No. 26: 2 (1976). Compositae. Close to *G. argenteifolium* N.A. Wakefield, but with longer involucres (c. 7-8 mm), achenes (1.2-1.4 mm) and pappus bristles (5.5 mm). Alpine and subalpine tracts. S?30, Lake Mountain; V?47, Bogong High Plains.

Gnaphalium sphaericum Willd., *Enum. Pl. Horti Berol.* 2: 868 (1809). Syn.: *G. involucratum* Forst.f. pro parte. Compositae. For description and illustration see Drury, *New Zealand J. Bot.* 10: 123-128 (1972). Collected from grids A, B, F, M and S including F39, Lake Powell, ± 16 km south-east of Robinvale, *A.C. Beauglehole ACB* 56156, 4.v.1977 (MEL).

Gonocarpus humilis A.E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 195 (1975). Haloragaceae. In the past, collections of this species have usually been determined as "forms" of *G. (Haloragis) teucrioides* or *G. tetragynus* but *G. humilis* is distinguished from both of these species by its procumbent habit, lax inflorescence and tetrandrous flowers. Widespread through southern Victoria.

Gonocarpus montanus (Hook.f.) A.E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 172 (1975). Basionym: *Haloragis montana* Hook.f., *Hook. Lond. J. Bot.* 6: 475 (bis) (1847). Haloragaceae. An alpine and sub-alpine species, usually at 900-2,000 metres in Victoria. Orchard's distribution map (i.e.: 173) shows the presence of this species in grids R, S, V, W and Z.

Goodenia bellidifolia Sm., *Trans. Linn. Soc. London* 2: 349 (1794) ssp. **bellidifolia**. Goodeniaceae. Z25, Genoa Creek Track, c. 5 km west of Genoa, K. Czorný 446, 9.xii.1971 (MEL 529334).

Goodenia ?heterophylla Sm., *Trans. Linn. Soc. London* 2: 349 (1794). Goodeniaceae.

S44, slopes south of creek joining Macalister River from east, just below Cheyne's Bridge, *J.H. Willis*, 18.x.1973 (MEL 503730). This specimen was submitted to R.C. Carolin, University of Sydney, who reported (pers. comm. 25.xi.1976) "The specimen MEL 503730 is closest to *Goodenia heterophylla* but there are significant differences in the leaf-shape. *G. heterophylla* has distinctive basal lobes and the leaves are altogether narrower and more acute. At this point in time I would call it *G. heterophylla* but would like to see more specimens".

Grammitis meridionalis Parris, *J. Linn. Soc., Bot.* 70: 33 (1975). Grammitidaceae.

Differs from *G. billardieri* in its smaller frond size, in the fronds frequently having inrolled margins, in the sparse stipe hairs and in its larger sporangia and spores. N?54, Dandenong Ranges, 1943.

Grevillea glabella R.Br., Suppl. Prodr. Fl. Novae Holl.: Proteac. Novas 20 (1830).

Proteaceae. Bentham, Fl. Austr. 5: 445 (1870) did not consider this species to be worthy of full description but mentioned correctly that "it is very near both to *G. ericifolia* and *G. rosmarinifolia*". McGillivray, *Telopea* 1: 28 (1975), considers that this species should be reinstated, and records it for the Little Desert region (grid C). MEL holds collections from grids H, M and N including H25, ± 8 km north-north-west of Wedderburn P.O., *A.C. Beaglehole ACB 50139*, 11.viii.1975 (MEL 517500).

Grevillea microstegia W.M. Molyneux, *Muelleria* 3: 141 (1975). Proteaceae. J10, Mount Cassel, Grampians, several collections 1970 - 1973.

Grevillea willisii R.V. Smith & D.J. McGillivray, *Muelleria* 3: 102-111 (1975). Proteaceae. V48, Bundara River area, several collections 1939 - 1971; V49, junction of Livingstone Creek and Mitta Mitta River, 1882; W3, Cobungra, 1932. This species is the one described as a *Grevillea* sp., "Rock Grevillea", by Willis (1973:41).

Grevillea sp. Described in English without a name by W.M. Molyneux in *Muelleria* 3: 144-145 (1975). Proteaceae. J15, Mount Ben Major and surrounding areas.

Helichrysum viscosum Sieber ex Spreng., *Syst. Veg.* 3: 484 (1826). Compositae. MEL holds collections from G, H, J, N, R, S, V and W.

Isoetes muelleri A. Braun, *Monatsber. Königl. Preuss. Akad. Wiss. Berlin* 541 (1868). Isoetaceae. The map given by Marsden, *J. Adelaide Bot. Gard.* 1: 52-53, 1976, shows records for grids C, D or J, R, T, V and W.

Juncus amabilis E. Edgar, *New Zealand J. Bot.* 2: 186, figs 7, 21 (1964). Juncaceae. Grids D, E, J, K, P, R, W and Z.

Juncus kraussii Hochst., *Flora* 28: 342 (1845). Juncaceae. J12, Ararat Highway Park, near junction of Western Highway and Hopkins R., G. Edwards, 1.iii.1978 (MEL 526326). Reported by N.S.W. Herbarium (pers. comm.) to be found in inland areas of New South Wales growing under saline or brackish conditions.

Lepidium pseudotasmanicum Thell., *Neue Denkschr. Allg. Schweiz. Gesammten Naturwiss. Zurich* 41: 307 (1906). Cruciferae. Grid immediately south of T50, Great Glennie Island, Wilsons Promontory, Monash University Biological Society, 14.ii.1968 (MEL).

Lomandra glauca (R.Br.) Ewart ssp. **collina** (R.Br.) A. Lee, *Contr. N.S.W. Natl. Herb.* 4: 257 (1972). Basionym: *Xerotes collina* R.Br., *Prodr. Fl. Novae Holl.* 260 (1810). Liliaceae. Grids A, C and E.

Lomandra glauca ssp. **glauca** is confined to N.S.W.

Lomandra glauca ssp. **nana** A. Lee, *Contr. N.S.W. Natl. Herb.* 4: 256 (1972). Liliaceae. Localities given by Lee are ?C, Wimmera district, 1900; ?C, Maryvale (Wimmera), 1898; C41 or C42, Mt. Arapiles, 1967; D7, Head of Muchong Creek, 1948.

Luzula acutifolia H. Nordenskiöld, *Bot. Not.* 122: 85 (1969). Juncaceae. See also Edgar in *New Zealand J. Bot.* 13: 792-793 (1975). Several collections from V46, V47 and V?48, Mt. Hotham-Mt. Loch, Mt. Feathertop, Falls Creek and Mt. Nelse. Also R44, Mt. Buffalo, *H.B. Williamson*, xii.1918 (MEL 10704).

- Luzula alpestris** H. Nordenskiöld, Bot. Not. 122: 84 (1969). Juncaceae. MEL holds collections from V38, Mt. Bogong, 1941; V47, Bogong High Plains, three collections, 1958 - 1972.
- Luzula atrata** E. Edgar, New Zealand J. Bot. 13: 794 (1975). Juncaceae. V46, Mt. Hotham-Mt. Loch, 1967.
- Luzula australasica** Steudel, Syn. Pl. Glumac., Pars 2, Cyperac. 294 (1855). See Nordenskiöld in Bot. Not. 122: 79 (1969). MEL holds collections from R44, Mt. Buffalo; S, several collections, e.g. Lake Mountain, West Warburton, Mt. Baw Baw, Mt. Wellington area; V47 or V48, Watchbed Creek area, Bogong High Plains. Old collections from E8, Hawksdale, and K36, Lorne, may be incorrectly labelled.
- Luzula densiflora** (Nordenskiöld) E. Edgar, New Zealand J. Bot. 13: 786 (1975). Synonym: *L. meridionalis* Nordenskiöld var. *densiflora* Nordenskiöld, Bot. Not. 122: 76 (1969). Juncaceae. MEL holds collections from ?C, H, J, N, P, R, S and Z.
- Luzula flaccida** (Buch.) E. Edgar, New Zealand J. Bot. 13: 786 (1975). Basionym: *L. campestris* (L.) DC. var *flaccida* Buch. in Engler, Pflanzenreich 25: 92 (1906). Synonym: *L. meridionalis* Nordenskiöld var. *flaccida* (Buch.) Nordenskiöld, Bot. Not. 122: 76 (1969). Juncaceae. MEL holds collections from B, D, E, J, K, N, P, S, T, V, W and Z.
- Luzula meridionalis** Nordenskiöld var. **meridionalis**, Bot. Not. 122: 74 (1969). Juncaceae. MEL holds collections from C, D, E, J, ?K, M, N and R.
- Luzula novae-cambriae** Gandoer, Bull. Soc. Bot. France 46: 392 (1899). Synonym: *L. oldfieldii* Hook.f. var. *angustifolia* Nordenskiöld, Bot. Not. 122: 81 (1969) according to Edgar, New Zealand J. Bot. 13: 791 (1975). Juncaceae. Alpine to sub-alpine. Edgar considers that hybrids between this species and *L. australasica* occur in the Kosciusko area of New South Wales and in the Victorian alps.
- Luzula oldfieldii** Hook.f. ssp. **dura** E. Edgar, New Zealand J. Bot. 13: 789 (1975). Juncaceae. Alpine tracts in the Mt. Bogong region, e.g. V38, Mt. Bogong, 1964; V48, Mt. Nelse, 1964.
- Luzula oldfieldii** Hook.f. ssp. **oldfieldii**, Fl. Tasm. 2: 68 (1858). Juncaceae. Nordenskiöld, Bot. Not. 122: 80 (1969), reports that this taxon is present in the mountains of Victoria, e.g. V46, Mt. Hotham, 1913. No Victorian material is held at MEL.
- Luzula ovata** E. Edgar, New Zealand J. Bot. 13: 788 (1975). Juncaceae. Edgar cites collections from D10, D19, V47 and V53 or W8.
- Maireana lobiflora** (F. Muell. ex Benth.) P.G. Wilson, Nytsia 2: 25 (1975). Basionym: *Kochia lobiflora* F. Muell. ex Benth., Fl. Austr. 5: 184 (1870). Chenopodiaceae. A49, 24 miles north-west of Underbool, A.C. Beauglehole ACB 40461, 25.ix.1972 (MEL 522744). Also in G12 (MEL).
- Maireana turbinata** P.G. Wilson, Nytsia 2: 34 (1975). Chenopodiaceae. This is the taxon listed in Willis (1973:106) as *Kochia* sp. [aff. *K. georgei* Diels]. Grid A. (MEL).
- Nymphoides** sp. (aff. **exiliflora** (F. Muell.) Kuntze). See Aston (1973:117) and ibid, suppl., 5 (1977). Menyanthaceae. W, Bairnsdale-Stratford area, many collections (MEL).
- Oplismenus imbecillus** (R.Br.) Roem. & Schult., Syst. Veg. 2: 487 (1817). Basionym: *Orthopogon imbecillus* R.Br., Prodri. Fl. Novae Holl. 194 (1810). Gramineae. MEL has specimens from the rivers Yarra, Snowy, Cabbagetree, Genoa and Brodribb, in grids S, W and Z.
- Persoonia mollis** R.Br. forma (P. mollis R.Br., Trans. Lim. Soc. London 10: 161 (1810)). Proteaceae. Z23, Mt. Kaye, W. Cane, c. 30.xii.1977 (MEL 522360). Identified by Dr. L.A.S. Johnson, who is revising the genus.
- Persoonia** sp. Proteaceae. Completely prostrate with erect condensed racemes of yellow flowers. S27, near Moroka River Gorge, W. Cane, 20.iii.1977 (MEL 16180).
- Phebalium squamulosum** Vent. ssp. **argenteum** P.G. Wilson, Nytsia 1: 83 (1970). Rutaceae. Z36, Gabo Island (MEL).
- Pimelea** sp. (aff. **P. linifolia** Sm.). Thymelaeaceae. J10, Mt. William, M.G. Corrick MGC 5717, 20.xi.1976 (MEL); J10, 15 km south of Hall's Gap, M.G. Corrick MGC 5321, 28.ix.1976 (MEL).

- Platago alpestris** Briggs, Carolin & Pulley, *Contr. N.S.W. Natl Herb.* 4: 395 (1973).
Plantaginaceae. S50, Mt. Baw Baw and V47, Bogong High Plains, collections at MEL.
- Platago cunninghamii** Decne. in DC, *Prodr.* 13 (1): 702 (1852). Plantaginaceae. MEL holds collections from A, B, C, G and N.
- Platago euryphylla** Briggs, Carolin & Pulley, *Contr. N.S.W. Natl Herb.* 4: 396 (1973).
Plantaginaceae. Alpine herbfield and subalpine grassland. MEL holds collections from R, S, V and W.
- Platago gaudichaudii** Barnéoud, Monogr. Plantag. 15 (1845). Plantaginaceae.
Habitat in grassland, *Eucalyptus* forest or woodland, on rocky sites or soils of very heavy texture. MEL holds specimens from C, D, E, J, L, N and P.
- Platago glacialis** Briggs, Carolin & Pulley, *Contr. N.S.W. Natl Herb.* 4: 395 (1973).
Plantaginaceae. V47, Bogong High Plains (MEL).
- Platago hispida** R.Br., *Prodr.* 425 (1810). Plantaginaceae. MEL holds collections from B, C, J, N, P, V, W and Z.
- Platago turrifera** Briggs, Carolin & Pulley, *Contr. N.S.W. Natl Herb.* 4: 396 (1973)
Plantaginaceae. MEL holds collections from A16, B25, B34, B35 and H21.
- Poa affinis** R.Br., *Prodr.* 179 (1810). Gramineae. MEL holds collections by A.C. Beaglehole from grids W and Z, including W34, c. 11½ miles west of Buchan, ACB 35414, 12.xii.1970 and Z26, c. 7 miles north-west of Mallacoota, ACB 31700, 14.xi.1969.
- Poa clelandii** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 193 (1970). Gramineae. D, E, J and P.
- Poa clivicola** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 213 (1970). Gramineae. R44, Mt. Buffalo, 1959; V52, Native Dog Creek, 1883.
- Poa costiniana** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 214 (1970). Gramineae. V46, Mt. Hotham; V47, Bogong High Plains; W?6, Nunniong Plateau; Z?11, Bidwell.
- Poa crassicaudex** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 233 (1970). Gramineae. D27, H19, J2 and J24.
- Poa ensiformis** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 188 (1970). Gramineae. N, S and V.
- Poa exilis** J. Vickery. See *P. meionectes* J. Vickery.
- Poa fawcettiae** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 232 (1970). Gramineae.
Widespread in the alps (R, S and V). Also an isolated occurrence on Mt. William (J10).
- Poa helmsii** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 205 (1970). Gramineae. Widespread in the alps (R, S and V). Also one occurrence at sea level near Seacombe (X3).
- Poa hiemata** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 230 (1970). Gramineae. Alpine and sub-alpine moors and meadows (S and V).
- Poa hookeri** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 222 (1970). Gramineae. Border of Y47 and Z2, Mt. Tingaringy, A.C. Beaglehole ACB 35738, 2.i.1971 (MEL).
- Poa hothamensis** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 191 (1970). Gramineae. Common in the Mt. Buffalo, Bogong High Plains, and Mt. Hotham regions (R and V).
- Poa induta** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 236 (1970). Gramineae. Border of grids V53 and W8, Benambra to Wulgulmerang road, Banksia Hill, A.C. Beaglehole ACB 35905, 7.i.1971 (MEL). Also two other Beaglehole collections (border of Z4 and Z12; Z30) are at MEL.
- Poa labillardieri** Steud., *Syn. Pl. Glumac.*, Pars 1. Gramin. 262 (1854). Gramineae.
MEL holds collections from C, J, K, N, P, R, S, T, V, W and Z. Vickery, *Contr. N.S.W. Natl Herb.* 4: 199 (1970), indicates that "P. billardieri Steud." of Bentham's 'Fl. Austr.' 7: 651 (1878) is an orthographic variant of *P. labillardieri* Steud. However, the synonymy, description and specimens cited by Bentham are applicable to *P. poiformis* (Labill.) Druce, and not to *P. labillardieri* Steud. sens. strict.

- Poa meionectes** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 250 (1972). Synonym: *P. exilis* J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 212 (1970) non Murbeck, *Acta Univ. Lund. n.f., Afd. 2, Bd. 1, No. 4:* 73 (1905). Gramineae. Z, Cann River valley, 1887; Z?25, Genoa district, 1885.
- Poa morrisii** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 239 (1970). Gramineae. C, D, J, M, N, P, R, T, V and W (MEL).
- Poa petrophila** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 238 (1970). Gramineae. Six localities in S, W and Z, e.g. S16, Mt. Clear, *A.C. Beaglehole and E.A. Chesterfield ACB 41243*, 19.i.1973 (MEL); Z3, Mt. Delegate, *A.C. Beaglehole ACB 34700*, 21.xi.1970 (MEL).
- Poa phillipsiana** J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 220 (1970). Gramineae. R, S, and V.
- Poa aff. rodwayi** or **aff. morrisii**. See Vickery, *Contr. N.S.W. Natl Herb.* 4: 236 (1970). E, J, N and S.
- Poa sieberana** Spreng. var. *hirtella* J. Vickery, *Contr. N.S.W. Natl Herb.* 4: 228 (1970). Gramineae. MEL holds collections from B, C, D, E, H, N, R, ?S, V, W and Z.
- Poa sieberana** Spreng. var. *sieberana* — *Contr. N.S.W. Natl Herb.* 4: 225 (1970). Gramineae. D, J, M, N, R, V, W and Z.
- Poa** sp. Gramineae. This taxon, thought to be an undescribed species of *Poa*, has been collected 6 times in grid Z, e.g. Z?26, c. 5 miles north-east of Mallacoota, *A.C. Beaglehole & E.W. Finck ACB 32503*, 16.xii.1969 (MEL); Z43, Wingan Point area, *A.C. Beaglehole ACB 32655*, 21.xii.1969 (MEL).
- Prostanthera rhombea** R.Br., *Prod. Fl. Novae Holl.* 509 (1810). Labiateae. S34, c. 3 miles north-north-east of Licola, on dry rocky slopes of red conglomerate, *J.H. Willis*, 18.x.1973 (MEL 503642).
- Pterostylis aestiva** D.L. Jones, *Muelleria* 2: 151, fig. 50 (1972). Orchidaceae. MEL holds collections from V53, W8, W9, W15, W17 and Z2.
- Pterostylis coccinea** R.D. FitzG., *Austral. Orchids* 1 (4) + t. (1878). Orchidaceae. W8, Wulgulmerang district, 1971 (MEL).
- Pterostylis laxa** J.A.P. Blackmore, *Orchadian* 3: 2, fig. A-G (1968). Orchidaceae. MEL holds collections from V53, W8, W9 and Y46.
- Pultenaea paludosa** J. Thompson, *Proc. Linn. Soc. N.S.W.* 83: 188 (1958). Papilionaceae. Z, swampy areas of lowlands. Several collections at MEL. See M.G. Corrick, *Vict. Nat.* 94: 151 (1977).
- Ranunculus undosus** R. Melville, *Kew Bull.* 1955: 211 (1955). Ranunculaceae. MEL holds collections from C21, G15 and G45, e.g. G15, Nyah, flooded ground in Red Gum forest, *N. Macfarlane*, 4.vi.1971.
- Rorippa eustylis** (F. Muell.) L.A.S. Johnson, *Contr. N.S.W. Natl Herb.* 3: 97 (1962). Basionym: *Cardamine eustylis* F. Muell., *Trans. & Proc. Vict. Inst. Advancem. Sci.* 1: 114 (1854). A36, F37 and F39, e.g. A36, Kulkyne National Forest, edge of Murray River, *A.C. Beaglehole ACB 33454*, 29.iii.1970 (MEL 524433).
- Schoenus deformis** (R.Br.) Poir. in Lam. & Poir., *Encycl. Meth. Bot.*, Suppl. 2: 251 (1811). Basionym: *Chaetospora deformis* R.Br., *Prod. Fl. Novae Holl.* 232 (1810). Cyperaceae. E22, Cape Nelson, along old bullock track in scrub on stabilized sand dunes, *K.L. Wilson 1161 et al.*, 18.ii.1975 (MEL).
- Scirpus habrus** E. Edgar, *New Zealand J. Bot.* 4: 199 (1966). Cyperaceae. Close to *S. subtilissimus* (Boeck.) S.T. Blake. MEL holds collections from C, J, S, V, W and Z, e.g. S30, Lake Mountain, J.H. Willis, 6.ii.1943 (MEL 516333); W8, Little River Falls, near Wulgulmerang. J.H. Willis, 16.i.1948 (MEL 516332).
- Solanum adenophorum** F. Muell. Fragn. *Phytogr. Austr.* 2: 162 (1860-61). Solanaceae. H15, near Barrakee railway station, parish of Charlton East, *W.H. McIlroy*, iii.1959 (MEL). Probably a chance introduction from another state.
- Solanum gracilius** Herter, *Revista Sudam. Bot.* 7: 226 (1943) based on *S. gracile* Dun. (1852) non Sendt. (1846). Solanaceae. See Henderson, *Contr. Qd Herb.* No. 16: 46 (1974). W40, Mitchell River ½ mile north of Bairnsdale; W?50, Mitchell River near Paynesville.

- Solanum opacum** A.Br. & Bouche, *Index Seminibus Hortus Berol.* App. 8: 18, No. 39 (1853). Solanaceae. See Henderson, *Contr. Qd Herb.* No. 16: 39-41 (1974). A, K, N, P and Z.
- Sporobolus creber** J. De Nardi, *Contr. N.S.W. Natl Herb.* 4: 406 (1973). Gramineae. M23, Rochester, H.W. Raleigh, iv.1933 (MEL); U50, 4½ miles east-south-east of Walwa, J.H. Willis, 8.iii.1977 (MEL).
- Stackhousia aspericocca** Schuch., *Linnaea* 26: 12 (1854). Stackhousiaceae. Barker, *J. Adelaide Bot. Gard.* 1: 71-75 (1977), reports fourteen specimens from western Victoria including C (Nhill) and D (c. 23 km south-south-west of Casterton). He distinguishes two races within Victoria.
- Symplocos cochinchinensis** (Lour.) S. Moore ssp. *thwaitesii* (F. Muell.) Nooteboom, Revision of the Symplocaceae of the Old World, New Caledonia excepted 159 (1975). Synonym: *S. thwaitesii* F. Muell. Symplocaceae. W?35, 10 miles northwest of Orbost, D.G. Cameron DGC 6132a, 25.iii.1976 (MEL). The population at this locality includes seedlings. The largest tree is 22 metres high, with a girth of 175 cm at breast height.
- Tetrahiteca pilosa** Labill. ssp. *latifolia* J. Thompson, *Telopea* 1: 213 (1976). Tremandraceae. MEL holds collections from M, N, P, T, W, X and Z.
- Tetrahiteca pilosa** ssp. *pilosa*. Tremandraceae. See J. Thompson, *Telopea* 1: 212 (1976). MEL has collections from C, D, E, J and N.
- Tetrahiteca thymifolia** Sm., Exot. Bot. 1: 41, t. 22 (1805). Tremandraceae. See Thompson, in *Telopea* 1: 200 (1976). R44, Mt. Buffalo, 1913; ?Z, East Gippsland, date?
- Tmesipteris elongata** Dangeard ssp. *elongata*, *New Zealand J. Bot.* 13: 762 (1975). Synonym: *T. tugana* Barber, *Vict. Nat.* 71: 98 (1954). Psilotaceae. Chinnock, in *New Zealand J. Bot.* 13: 763 (1975), records this subspecies for "Southern Victoria", e.g. K?43, Parker River valley, 1974; T24, Morwell National Park, 1973.
- Uncinia compacta** R.Br., Prodr. Fl. Novae Holl. 241 (1810). Cyperaceae. V47, Spion Kopje, Bogong High Plains, A.C. Beaglehole ACB 22316, 23.i.1967 (MEL).
- Zieria robusta** Maiden & Betche, *Proc. Linn. Soc. N.S.W.* 35: 788 (1910). Rutaceae. S27, Moroka River, W. Cane, 8.xii.1975 (MEL). See Galbraith, *Vict. Nat.* 94: 211 (1977).

NEW RECORDS — INTRODUCED SPECIES

All species listed have been found growing spontaneously in Victoria at least once since the publication of Willis (1970, 1973). For each species which seems to have become naturalized the name is preceded by an asterisk (*).

- ***Cenchrus echinatus** L., Spec. Pl. 2: 1050 (1753). Gramineae. G25. Lake Boga, W. Anderson, 13.vi.1978 (MEL). Established at Lake Boga for about eight years.
- ***Conzya floribunda** Humb. et al., Nova Genera & Spec. Pl. 4: 73 (1820). Compositae. MEL holds either specimens or records from C, D, E, H, J, K, M, N, R, U and V (R.V. Smith, pers. comm.).
- Cyrtomium falcatum** (L.f.) C. Presl, Tentamen Pterid. 86 (1836). Aspidiaceae. Pteridophyta. R?44, Mt. Buffalo Creek, at crossing of Mt. Buffalo road, J. Whirray, 18.ix.1959 (MEL).
- ***Datura wrightii** Regel, *Gartenflora* 8: 193-194, t. 260 (1859). See Haegi, *Austral. J. Bot.* 24: 431-433 (1976). Solanaceae. H?16, Mt. Buckrabanyule, between Charlton and Boort, D.M. McKenzie, c. late 1975 (MEL) and further collection by D.J. Williams, 16.iii.1976, when the infestation had increased from 10 to nearly 20 hectares; R?11, Dookie, 1921.
- Eleusine indica** (L.) Gaertner, Fructibus et Seminibus Pl. 1: 8 (1788). Basionym: *Cynosurus indicus* L., Spec. Pl. 72 (1753). Gramineae. MEL holds collections from E26, N42, N52, P7 and R15.

- Emex spinosa** (L.) Campdera, Monogr. Rumex 58 (1819). Basionym: *Rumex spinosus* L., Spec. Pl. 337 (1753). Polygonaceae. A7 or A16, Merbein, P.W. Weiss, 3.xiii.1974 (MEL).
- ***Eragrostis pilosa** (L.) Pal. Beauv., Essai Nouv. Agrost. 71, 162, 175 (1812). Basionym: *Poa pilosa* L., Spec. Pl. 68 (1753). Gramineae. M, several collections including M27, Shepparton district, B.D. Robinson, 19.i.1966 (MEL); M37, between Marong and Leichardt, W. Perry, 22.iv.1973 (MEL). Reported to be a pest in some areas.
- Erigeron conyzoides** F. Muell., Trans. Philos. Soc. Vict. 1: 105 (1855). Compositae. V43, Cobboras No. 2, E. Fink, 27.i.1971 (MEL) — the first undoubted record for Victoria.
- (?*)**Glyceria declinata** Breb., Fl. Normandie, ed. 3, 354 (1859). Gramineae. N, P and T, including P4, 3 km south-west of Portarlington, G.W. Carr, 3.i.1977 (MEL); T?12, Warragul show grounds, J. Thomson, x.1975 (MEL).
- ***Hordeum glaucum** Steud., Syn. Pl. Glumac., Pars 1. Gramin. 352 (1854). See Cocks, Boyce & Kloot, Austral. J. Bot. 24: 251-62 (1976), and the Austral. J. Bot. accessory publication for that paper. A17, Red Cliffs; H5, Wycheeproof; N39, Bacchus Marsh; N42, Broadmeadows.
- Hordeum secalinum** Schreb., Spicilegium Fl. Lips. 148 (1771). Gramineae. G45, Kerang district, on heavy clay, P. Elliot, 17.xii.1975 (MEL).
- ***Hypecoum pendulum** L. Spec. Pl. 1: 124 (1753). Papaveraceae. G25, Lake Boga district, 1970, 1973 and 1975. See Aston, Muelleria 3: 177-182 (1976).
- ***Juncus gerardii** Loisel., J. Bot. 2: 284 (1809). Juncaceae. E22, Portland Bird Sanctuary Swamp, compact patches on saline flats, A.C. Beaglehole ACB 22605, 26.ii.1967 (MEL).
- Juncus imbricatus** Laharpe., Mém. Soc. Hist. Nat. Paris 3: 149 (1827). Juncaceae. M38, Bendigo, roadside, L.D. Williams & A.C. Beaglehole ACB 22300, 21.i.1967 (MEL 522745).
- Juncus oxycarpus** E. Mey. ex Kunth., Enum. Pl. 3: 336 (1841). Juncaceae. J1, 2 km along Pomonal road from the Hall's Gap — Stawell road, K.L. Wilson 1100 & L. Johnson, 16.ii.1975 (MEL).
- (?*)**Leersia oryzoides** (L.) Swartz, Prodr. Veg. Indiam Occid. 21 (1788). Basionym: *Phalaris oryzoides* L., Spec. Pl. 1: 55 (1753). Gramineae. N44, Yarra River valley, c. 2 km downstream from Bend of Islands, 1974 and 1976. See Corrick, Vict. Nat. 93: 67-68 (1976).
- Mesembryanthemum nodiflorum** L., Spec. Pl. 1: 480 (1753). Synonym: *Psilocaulon caducum* sensu Black, Fl. S. Aust., ed. 2. 337 (1948) non (Ait.) N.E. Brown. Aizoaceae. A?45, B24 and G13, e.g. A?45, Hattah Lakes National Park, G.W. Anderson, 8.xii.1969 (MEL); G13, Towan Plains fauna and flora reserve, c. 26 km south-east of Manangatang, A.C. Beaglehole ACB 55727, 27.iv.1977 (MEL).
- Panicum laevifolium** Hack., Bull. Herb. Boissier 3: 378 (1895) Gramineae. M37, between Marong and Leichardt, W. Perry, 22.iv.1973 (MEL).
- Panicum laevifolium** Hack. var. **contractum** Pilger, Notizbl. Bot. Gart. Berlin-Dahlem 15: 448 (1941). Gramineae. This variety has been reported for Victoria by Vickery, Fl. N.S.W. No. 19 (2): 186 (1975).
- Papaver somniferum** L. ssp. **setigerum** (DC.) Corb., Nouv. Fl. Normandie 30 (1893). Basionym: *P. setigerum* DC. in Lam. & DC., Fl. Française, ed. 3, V. 6: 585 (1815). Papaveraceae. F49, 12-13 miles south of the Murray River, on 143° 00'E long., many plants present in a patch of virgin mallee around a rabbit burrow which had been ripped, N. Macfarlane, 970-71 (MEL).
- ***Paronychia brasiliiana** DC. in Lam. & Poir., Encycl. Meth. Bot. 5: 23 (1804). Caryophyllaceae. N42, South Yarra; W42, east of Bruthen; Z25, Genoa and Maramingo Hill; Z35, Mallacoota. See Aston, Muelleria 3: 209-214 (1971).
- Pentaglottis sempervirens** (L.) Tausch, Flora 12: 643 (1829). Boraginaceae. S?48, Noojee, in patches of heavy blackberry. A. Read, 15.ix.1971 (MEL); N22, Mt. Macedon, J. Winkworth, i.1974 (MEL).

- ***Plantago coronopus** L. ssp. **commutata** (Guss.) Pilger, *Feddes Report. Spec. Nov. Regni Veg.* 28: 287 (1930). Basionym: *P. commutata* Guss., *Fl. Siculae Prodri. Suppl.* 1: 46 (1832). Plantaginaceae. Recorded for Victoria (without details) by Briggs et al., *Fl. N.S.W.* No. 181: 9 (1977). MEL holds specimens from C, E, N, P and X.
- ***Plantago indica** L., Syst. Nat. 2, ed. 10: 896 (1759). Plantaginaceae. B34, Wyperfeld National Park, 1976. See Todd, *Vict. Nat.* 94: 29-30 (1977).
- ***Poa infirma** Kunth. in Humboldt et al., *Nova Genera & Spec. Pl.* 1: 158 (1816). Gramineae. N48, You Yangs, *M. Calder*, 1971. MEL holds specimens (*M. Ellis*, ix.1976) grown from seed collected in the You Yangs.
- Suaeda aff. linifolia** Pall. Chenopodiaceae. A17, Irymple, J.H. Browne, 10.ii.1978 (MEL).
- Zoysia?tenuifolia** Willd. ex Trin. Gramineae. ?X10, south of Sale, J. Cade, early 1977 (MEL).

DELETIONS

The following taxa are believed to be absent from Victoria, though previously reported to be present.

Names which have been misapplied to Victorian populations (and should therefore be deleted from the Victorian flora) are excluded from this list but placed in the section on "Changes of nomenclature".

Asplenium nidus L. Aspleniaceae. Tindale's report in Beadle et al., 'Fl. Sydney Region' 83 (1972) that this species is present in Victoria was based on one specimen in NSW labelled "Victoria, C. Walter (NSW 3209)". In view of the known inaccuracy of some of Walter's labels it seems best to regard this record as doubtful.

Haloragis glauca Lindl. Haloragaceae. Not known for Victoria. See Orchard, *Bull. Auckland Inst. Mus.* No. 10: 119-122 (1975).

Hymenophyllum dilatatum (Forst.f.) Swartz. Synonym: *Mecodium dilatatum* (Forst.f.) Copeland. Hymenophyllaceae. See Wakefield, 'Ferns Vict. & Tas.', revised Willis, 5 (1976).

Neurachne munroi (F. Muell.) F. Muell. Gramineae. This species was listed for Victoria by Blake, *Contr. Qd Herb.* No. 13: 15 (1972), on the basis of a specimen from the Wimmera district collected by C. Walter. In view of the known displacement of some of Walter's labels this record is best regarded as doubtful.

Plantago tasmanica Hook.f. Plantaginaceae. This species is not present in Victoria nor elsewhere on the Australian mainland (B.C. Briggs, pers. comm. 1977).

Ptilotus polakii F. Muell. Amaranthaceae. Reported by Benl; *Mitt. Bot. Staatssamml. München* 9: 144 (1971), to be present in Victoria. The specimen on which this statement was based was found to be from Western Australia (see p. 174 of the present paper).

Zieria laevigata Sm. Rutaceae. In Mueller's writings and in Galbraith, 'Collins Field Guide Wildfl. S.-E. Aust.' 196 (1977) this species is listed for Victoria. However, no Victorian specimen of this species is known. Mr. Jim Armstrong (NSW) who is revising *Zieria* has kindly supplied the following information (pers. comm. 1978)—"Mueller lists *Z. laevigata* for Victoria (F. Mueller, Pl. Victoria 1: 111 (1860-62); F. Mueller Nat. Pl. Victoria 1: 67 (1879); F. Mueller Key Syst. Victorian Pl. 2: 9 (1885); F. Mueller Key Syst. Victorian Pl. 1: 143 (1887); F. Mueller 2nd Syst. Cens. Australian Pl. 1: 17 (1889)) and mentions a specimen from the Goulburn River. I haven't located this specimen, but have seen a *Z. aspalathoides* collection from this locality (locality data in Mueller's script!). I'd suggest therefore that Mueller's Victorian *Z. laevigata* is really *Z. aspalathoides*. *Z. laevigata* appears to be confined to N.S.W. and Queensland."

CHANGES OF NOMENCLATURE

This list indicates nomenclatural changes noted since the publication of Willis (1970, 1973). It includes misapplied names.

Inclusion of any name in this list does not necessarily imply that the associated nomenclatural change is taxonomically acceptable to the present author, or to other taxonomists.

- Acacia bivenosa** DC. ssp. **wayi** (Maiden) L. Pedley, *Austrobaileya* 1: 28 (1977).
 Basionym: *A. salicina* Lindl. var. *wayi* Maiden, *Trans. Roy. Soc. S. Aust.* 32: 277 (1908). Synonym: *A. ligulata* sens. Court in Willis (1973:230) teste L. Pedley (pers. comm.).
- Acacia botrycephala** (Vent.) Desf. See *A. terminalis*.
- Acacia diffusa** Lindl. See *A. genistifolia*.
- Acacia elata** A. Cunn. ex Benth. See *A. terminalis*.
- Acacia genistifolia** Link, *Enum. Pl. Horti Berol.* 2: 442 (1822). Synonym: *A. diffusa* Lindl. See Court, *Muelleria* 2: 157 (1972).
- Acacia hakeoides** A. Cunn. ex Benth. var. **angustifolia** J.H. Willis. See *A. williamsonii*.
- Acacia ligulata** sens. Court in Willis (1973:230). See *A. bivenosa* ssp. *wayi*.
- Acacia terminalis** (Salisb.) Macbride. Synonym: *A. botrycephala* (Vent.) Desf., teste Tindale, *Telopea* 1: 81 (1975). *A. elata* A. Cunn. ex Benth. which is given as a synonym of *A. terminalis* by Macbride and in Willis (1973:242) is a separate species (Tindale, i.c.).
- Acacia williamsonii** A.B. Court, *Muelleria* 2: 163 (1972). Synonym: *A. hakeoides* A. Cunn. ex Benth. var. *angustifolia* J.H. Willis.
- Actites megalocarpa** (Hook.f.) N. Lander, *Telopea* 1: 130 (1976). Synonym: *Sonchus megalocarpus* (Hook.f.) J.M. Black.
- Adonis aestivalis** auct. Aust. non L. See *A. microcarpus* DC.
- Adonis microcarpus** DC., *Syst.* 1: 223 (1817). Synonym: *A. aestivalis* auct. Aust. non L. See Kloot, *Muelleria* 3: 200-207 (1976).
- Alhagi camelorum** Fischer. See *A. pseudalhagi*.
- Alhagi pseudalhagi** (Bieb.) Desv., *J. Bot. Appl.* 1: 120 (1813). Synonym: *A. camelorum* Fischer teste Ball in Tutin et al., *Fl. Europaea* 2: index & 191 (1968).
- Alsophila australis** R.Br., *Prodr. Fl. Novae Holl.* 158 (1810). Synonym: *Cyathea australis* (R.Br.) Domin. See Tryon, *Contr. Gray Herb.* No. 200: 36 (1970).
- Alsophila cunninghamii** (Hook.f.) Tryon, *Contr. Gray Herb.* No. 200: 36 (1970).
 Basionym: *Cyathea cunninghamii* Hook.f.
- Alsophila marcescens** (N.A. Wakefield) Tryon, *Contr. Gray Herb.* 200: 37 (1970).
 Basionym: *Cyathea marcescens* N.A. Wakefield. It has been proposed that this taxon is a hybrid between *Alsophila cunninghamii* and *Alsophila australis* (Jones & Clemensha, 'Australian Ferns & Fern Allies' 59 (1976), as *Cyathea*).
- Amphibolis antarctica** (Labill.) Sonder & Aschers. ex. Aschers., *Linnaea* 35: 164 (1867-68). Basionym: *Ruppia antarctica* Labill., *Nov. Holl. Plant Specim.* 2: 116 (1806), t. 264 (1807). Synonym: *Cymodocea antarctica* (Labill.) Endl., teste den Hartog, *Sea-grasses of the World* 199 (1970).
- Amsineckia calycina** (Moris) A.O. Chater, *Bot. J. Linn. Soc.* 64: 380 (1971). Basionym: *Lithospermum calycinum* Moris, *Enum. Seminum Horti Tauri.* 21 (1831). Synonym: *A. hispida* (Ruiz & Pav.) I.M. Johnston – illegitimate name.
- Amsineckia hispida** (Ruiz & Pav.) I.M. Johnston. See *A. calycina*.
- Amyema linophyllum** (Fenzl.) Van Tiegh. ssp. **orientale** Barlow, *Austral. J. Bot.* 14: 470 (1966), is the only subspecies found in Victoria.
- Amyema pendulum** (Sieber ex Spreng.) Van Tiegh. ssp. **pendulum** is the subspecies present in Victoria. See Barlow, *Austral. J. Bot.* 14: 479 (1966).
- Amyema quandang** (Lindl.) Van Tiegh. var. **quandang** is the variety present in Victoria. See Barlow, *Austral. J. Bot.* 14: 481 (1966).
- Anagallis minima** (L.) E.H.L. Krause, in Sturm., *Deutschl. Fl.*, ed. 2, 9: 251 (1901).
 Basionym: *Centunculus mitimus* L. teste L.F. Ferguson in Tutin et al., *Fl. Europaea* 3: 28 (1972).

- Anchusa arvensis** (L.) Bieb., Fl. Taur.-Caucas. 1: 123 (1808). Basionym: *Lycopsis arvensis* L. teste A.O. Chater in Tutin et al., Fl. Europaea 3: 108 (1972).
- Anthemis nobilis** L. See *Chamaemelum nobile*.
- Antirrhinum orontium** L. See *Misopates orontium*.
- Arthrorhynchus huntianus** (F. Muell.) D. Blaxell, Contr. Natl. Herb. N.S.W. 4: 277 (1972). Synonym: *Spicnlaea huntiana* (F. Muell.) Schlechter.
- Ballantinia antipoda** (F. Muell.) E. Shaw, Contr. Gray Herb. No. 205: 161 (1974). Synonym: *Cnphonotns antipodns* (F. Muell.) J.M. Black.
- Bassia sclerolaenoides** (F. Muell.) F. Muell. See *Maireana sclerolaenoides* (F. Muell.) P.G. Wilson.
- Baumea Gaudich.** See *Machaerina*.
- Bedfordia arborescens** Hochr., Candollea 5: 332-34 (1934). This species includes all mainland plants. These were formerly incorrectly placed under *B. salicina* (Labill.) DC. which is confined to Tasmania. See Gray, Muelleria 3: 64-66 (1974).
- Bedfordia salicina** (Labill.) DC. See *B. arborescens*.
- Billardiera bignoniacea** (F. Muell.) E.M. Bennett, Nuytsia 2: 185 (1978). Basionym: *Mariauthns bignoniaceus* F. Muell.
- Billardiera procumbens** (Hook.) E.M. Bennett, Nuytsia 2: 187 (1978). Basionym: *Pittosporum procumbens* Hook., Hook. Companion Bot. Mag. 1: 275 (1836). Synonyms: *Mariaanthus procumbens* (Hook.) Benth. and *Rhytidosporum procumbens* (Hook.) F. Muell. [McGillivray, Telopea 1: 55 (1975), accepts *Rhytidosporum* as the genus in which this taxon should be placed.]
- Blechnum aggregatum** sens. auct. Aust., including Willis (1970:43). See *B. chambersii*.
- Blechnum chambersii** M.D. Tindale in Beadle, Evans & Carolin, Fl. Sydney Region 86 (1972). Synonyms: *B. lauceolatum* (R.Br.) Sturm.f.—a later homonym. *B. aggregatum* sens. auct. Aust. The name *B. aggregatum* (Col.) M.D. Tindale has been misapplied to Australian populations—its holotype is a hybrid between *B. chambersii* and *B. meinbranaceum* (Col.) Mett., the latter species being confined (T.C. Chambers, pers. comm. 1978) to New Zealand.
- Blechnum procerum** sens. auct. Aust. See *B. wattsii*.
- Blechnum wattsii** M.D. Tindale, Contr. N.S.W. Natl. Herb. 3: 247 (1963). Synonym: *B. procerum* sens. auct. Aust. See also Willis in Wakefield, Ferns Vict. & Tas., rev. edit., 42 (1975).
- Boronia caeruleascens** F. Muell. ssp. **caeruleascens**. This is the subspecies which is present in Victoria. See Wilson, Nuytsia 1: 201 (1971).
- Bromus hordeaceus** L., Spec. Pl. 1: 77 (1753). Synonym: *B. mollis* L., Spec. Pl., ed. 2, 112 (1762). See Smith, Watsonia 6: 329 (1968).
- Bromus mollis** L. See *B. hordeacens*.
- Cakile edentula** ssp. **californica** (Heller.) Hult. See *C. edentula* ssp. *edentula*.
- Cakile edentula** (Bigel.) Hook. ssp. **edentula**. Synonym: *C. edentula* ssp. *californica* (Heller.) Hult. according to Rodman, Contr. Gray Herb. No. 205: 118 (1974).
- Caleana minor** R.Br. See *Paracaleana minor*.
- Caleana sullivanii** (F. Muell.) E.E. Pescott. A synonym of *Paracaleana minor*, q.v.
- Calectasia cyanea** R.Br. var. **intermedia** (Sonder) J.C. Anway, Austral. J. Bot. 17: 158 (1969), is the only variety found in Victoria. Basionym: *C. intermedia* Sonder, Linnaea 28: 222 (1856).
- Calochilus campestris** R.Br. Synonyms: *C. herbaceus* Lindl. and *C. saprophyticus* R.S. Rogers. See McGillivray, Suppl. to H.M.R. Rupp, Orchids N.S.W. 157 (1969) and Jones, Orchadian 5: 83 (1976).
- Calochilus herbaceus** Lindl. See *C. campestris*.
- Calochilus saprophyticus** R.S. Rogers. See *C. campestris*.
- Calorophus lateriflorus** (R.Br.) F. Muell. See *Empodium nimms*.
- Capsella pilosula** (F. Muell.) F. Muell. See *Microlepiddium pilosulnm*.
- Cardamine dictyosperma** Hook. See *Rorippa dictyosperma*.
- Cardamine laciniata** F. Muell. See *Rorippa laciniata*.

- Cardamine stylosa** DC. See *Rorippa gigantea*.
- Celastrus australis** Harvey & F. Muell. and *C. subspicatus* Hook. are separate species according to Lander & Johnson, *Telopea* 1: 33 (1975). Only *C. australis* occurs in Victoria.
- Celastrus subspicatus.** See *C. australis*.
- Celsia cretica** L. See *Verbascum creticum*.
- Cenchrus incertus** M.A. Curtis, *Boston J. Nat. Hist.* 1: 135 (1837). Synonym: *C. pauciflorus* Benth., non sens. Willis (1970:204). No Victorian specimen of this species is held at MEL at present.
- Cenchrus longispinus** (Hack.) Fern., *Rhodora* 45: 388 (1943). Synonym: *C. pauciflorus* sens. Willis (1970:204), non Benth.
- Cenchrus pauciflorus** Benth. See *C. incertus*.
- Cenchrus pauciflorus** sens. Willis (1970:204). See *C. longispinus*.
- Centunculus minimus** L. See *Anagallis minima*.
- Chamaemelum nobile** (L.) All., Fl. Pedem. 1: 185 (1785). Basionym: *Anthemis nobilis* L. teste Tutin in Tutin et al., Fl. Europaea 4: 165 (1976).
- Chamaesyce australis** (Boiss.) D.C. Hassall, *Austral. J. Bot.* 24: 640 (1976). Basionym: *Euphorbia australis* Boiss.
- Chamaesyce drummondii** (Boiss.) D.C. Hassall, *Austral. J. Bot.* 24: 640 (1976). Basionym: *Euphorbia drummondii* Boiss.
- Cheiranthera cyanea** Brogn., Bot. (Phan.) Voy. La Coquille t. 77 (between 1827 and 1834). Bennett, *Nuytsia* 2: 197-199 (1978), proposed that the above should be regarded as the prior name until evidence to the contrary is produced. Synonym: *C. linearis* A. Cunn. ex Lindl., *Edwards' Bot. Reg.* 20: sub. t. 1719 (Mar.-Dec. 1834).
- Cheiranthera linearis** A. Cunn. ex Lindl. See *C. cyanea*.
- Chloris acicularis** Lindl. See *Enteropogon acicularis*.
- Christella dentata** (Forssk.) Brownsey & Jermy, *Brit. Fern Gaz.* 10: 338 (1973). Basionym: *Polypodium dentatum* Forssk., Fl. Aegypt.-Arab. 185 (1773). Synonyms: *Cyclosorus nympHALIS* (G. Forst.) Ching, *Bull. Fan Mem. Inst. Biol. Bot.* 10: 247 (1941) teste Holttum, *Kew Bull.* 31: 314 (1976). *C. parasiticus* sens. Willis (1970:36) non (L.) Farw. See Willis in Wakefield, Ferns Vict. Tas., revised Willis, 19 (1975).
- Chrysanthemum lacustre** Brot. See *Leucanthemum vulgare*.
- Chrysanthemum leucanthemum** L. See *Leucanthemum vulgare*.
- Chrysanthemum parthenium** (L.) Bernh. See *Tanacetum parthenium*.
- Chrysanthemum vulgare** (L.) Bernh. See *Tanacetum vulgare*.
- Cirsium syriacum** (L.) Gaertn. See *Notobasis syriaca*.
- Citrullus lanatus** (Thunb.) Matsumura & Nakai, *Cat. Sem. Spor. Hort. Bot. Univ. Imp. Tokyo* 1916: 30 (1916) and 1920: 38 (1920). Basionym: *Momordica lanata* Thunb. Synonym: *C. lanatus* (Thunb.) Mansf.-a later homonym. See H. Hara in *Taxon* 18:346 (1969).
- Cladium** P. Browne. See *Machaerina*.
- Claytonia perfoliata** Donn. ex Willd. Synonym: *Montia perfoliata* (Donn. ex Willd.) Howell, teste McNeill, *Canad. J. Bot.* 53: 802 (1975).
- Crepis taraxicifolia** Thuill. See *C. vesicaria* L. ssp. *haenseleri*.
- Crepis vesicaria** L., Spec. Pl. 805 (1753), ssp. *haenseleri* (Boiss. ex DC.) P.D. Sell, *Bot. J. Linn. Soc.* 71: 254 (1976). Synonym: *C. taraxicifolia* Thuill.
- Cuphonotus antipodus** (F. Muell.) J.M. Black. See *Ballantinia antipoda*.
- Cyathea australis** (R.Br.) Domin. See *Alsophila australis*.
- Cyathea cunninghamii** Hook.f. See *Alsophila cunninghamii*.
- Cyathea leichhardtiana** (F. Muell.) Copeland. See *Sphaeropteris australis*.
- Cyathea marcescens** N.A. Wakefield. See *Alsophila marcescens*.
- Cyclosorus parasiticus** sens. Willis (1970:36). See *Christella dentata*.
- Cyclosorus pennigerus** (Forst.f.) Copeland. See *Pneumatopteris pennigera*.
- Cymodocea antarctica** (Labill.) Endl. See *Amphibolis antarctica*.

Cyperus aristatus Rottb. See *C. squarrosum*.

Cyperus squarrosum L., Centuria 2, Pl. 6 (1756). Synonym: *C. aristatus* Rottb. teste Kern, Fl. Males., Ser. 1, 7: 631 (1974).

Danthonia Lam. & DC. In a study of New Zealand species Zотов, New Zealand J. Bot. 1: 87-126 (1963), described four new genera in the tribe Danthoniae and apportioned among them all the New Zealand species previously referred to *Danthonia*. He made new combinations under *Notodanthonia* for the following ten Victorian species which also occur in New Zealand (*D. auriculata*, *D. caespitosa*, *D. carphoides*, *D. geniculata*, *D. laevis*, *D. penicillata*, *D. pilosa*, *D. purpurascens*, *D. racemosa* & *D. semiannularis*).

Subsequently Blake, Contr. Qd. Herb. No. 14: 1-19 (1972), studied several more Australian species and considered that the genera *Monachather* Steud. and *Plinthansis* Steud. should also be accepted for Australian species at present placed in *Danthonia*. Blake published the names *Plinthansis paradoxa* (R.Br.) S.T. Blake for *D. paradoxa* R.Br. and *Notodanthonia tenuior* (Steud.) S.T. Blake for *D. purpurascens* J. Vickery, syn. *N. purpurascens* (J. Vickery) Zотов. He also recommended the acceptance of *Monachather paradoxa* Steud., Syn. Pl. Glumac., Pars 1. Gramin. 247 (1854), for *D. bipartita* F. Muell. (1859).

As 12 of the 24 species placed under *Danthonia* by Willis (1970) were not considered by either Zотов or Blake it seems best, pending a comprehensive revision, to retain Willis's names for all 24 species.

Desmazeria acutiflora (Nees) W.B. Hemsley. See *Plagiochloa acutiflora*.

Dichelachne micrantha (Cav.) Domin, Biblioth. Bot., Stuttgart 85: 353 (1915).

Basionym: *Stipa micrantha* Cav., Icon. et Descript. Pl. 5: 42 fig. 467 (1799).

Synonym: *D. sciurea* (R.Br.) Hook.f.

Dichelachne sciurea (R.Br.) Hook.f. See *D. micrantha*.

Disphyma australe sensu auct. Aust. See *D. clavellatum*.

Disphyma blackii R.J. Chinnock. See *D. clavellatum*.

Disphyma clavellatum (Haworth) R.J. Chinnock, New Zealand J. Bot. 14: 78 (1976).

Basionym: *Mesembryanthemum clavellatum* Haworth, Miscellanea Naturalia 79 (1803). Synonym: *D. anstrale* sensu auct. Aust.; *D. blackii* R.J. Chinnock.

Dittrichia graveolens (L.) W. Greuter, Exsicc. Genav. 4: 71 (1973). Basionym: *Imula graveolens* L. teste P.W. Ball in Tutin et al., Fl. Europaea 4: 137 (1976).

Dolichos lignosus L. See *Dipogon lignosus*.

Doodia media R.Br. ssp. **australis** Parris, New Zealand J. Bot. 10: 593 (1972).

This is the subspecies which is present in Victoria.

Dipogon lignosus (L.) Verdecourt, Taxon 17: 537 (1968). Basionym: *Dolichos lignosus* L.

Drimys lanceolata (Poir.) Baill. See *Tasmannia lanceolata*.

Drimys xerophila Parmentier. See *Tasmannia xerophila*.

Echinochloa crus-galli var. **frumentacea**. See *E. utilis*.

Echinochloa utilis Ohwi & Yabuno, in Ohwi, Acta Phytotax. Geobot. 20: 50-51 (1962). According to Vickery, Fl. N.S.W. No. 19 (2): 197-198 (1975) this is the plant grown in Australia under the names "Japanese Millet" and "Billion-dollar Grass". The botanical name misapplied to it in Willis (1970:193) is *E. crus-galli* var. *frumentacea*.

Echium lycopsis L. See *E. plantagineum*.

Echium plantagineum L., Mant. Pl. 2: 202 (1771). Synonym: *E. lycopsis* L., Fl. Anglica 12 (1754) pro parte (lectotype excluded); *E. lycopsis* sens. auct. Aust. See Piggie, Muelleria 3 (4): 217 & 226 (1977).

Egeria densa Planchon, Ann. Sci. Nat., Ser. 3, 11: 80 (1849). Synonym: *Elodea densa* (Planchon) Casp. teste St. John, Darwiniana 12: 297 (1961).

Elodea densa (Planchon) Casp. See *Egeria densa*.

Empodium minus (Hook.f.) L.A.S. Johnson & Cutler, Kew Bull. 28: 383 (1973).

Basionym: *Calorophus minor* Hook.f., Fl. Novae-Zelandiae 1: 267 (1855).

Synonym: *C. lateriflorus* F. Muell. nom. illegit. — see Johnson & Evans, Contr. N.S.W. Nat. Herb., Fl. Ser. 25: 27-28 (1966).

- Enteropogon acicularis** (Lindl.) Lazarides, *Austral. J. Bot.* 20 Suppl. Ser. 5: 31 (1972). Basionym: *Chloris acicularis* Lindl. in Mitchell, J. Exped. Interior Trop. Aust. 33 (1848).
- Epilobium adenocaulon** Hausskn. See *E. ciliatum*.
- Epilobium billardierianum** Sér. ex DC. ssp. **cinerereum** (A. Rich.) P.H. Raven & T. Engelhorn in *New Zealand J. Bot.* 9: 349 (1971). Basionym: *E. cinereum* Rich.
- Epilobium ciliatum** Raf., Med. Repos. Ser. 2, 5: 361 (1808). Syn. *E. adenocaulon* Hausskn. teste Raven & Raven, *New Zealand DSIR Bull.* No. 216: 301 (1976).
- Epilobium cinereum** A. Rich. See *Epilobium billardierianum* ssp. *cinerereum*.
- Eriostemon difformis** A. Cunn. ex Endl. ssp. **difformis**. The only subspecies in Victoria. See Wilson, *Nuytsia* 1: 30 (1970).
- Eriostemon myoporoides** DC. ssp. **myoporoides**. The only subspecies in Victoria. See Wilson, *Nuytsia* 1: 40-41 (1970).
- Eucalyptus bicostata** Maiden, Blakely & Simmonds. See *E. globulus* ssp. *bicostata*.
- Eucalyptus cyanophylla** M.I.H. Brooker, *Trans. Roy. Soc. S. Aust.* 101: 15-18 (1977). Syn *E. pileata* sens. Willis (1973:437).
- Eucalyptus globulus** Labill. ssp. **bicostata** (Maiden, Blakely & Simmonds) Kirkpatrick, *Bot. J. Linn. Soc.* 69: 101 (1974). Basionym: *E. bicostata* Maiden, Blakely & Simmonds.
- Eucalyptus globulus** Labill. ssp. **maidenii** (F. Muell.) Kirkpatrick, *Bot. J. Linn. Soc.* 69: 101 (1974). Basionym: *E. maidenii* F. Muell.
- Eucalyptus globulus** Labill. ssp. **pseudoglobulus** (Naudin ex Maiden) Kirkpatrick, *Bot. J. Linn. Soc.* 69: 101 (1974). Basionym: *E. pseudoglobulus* Naudin ex Maiden. Synonyms: *E. globulus* var. *st-johnii* R.T. Baker; *E. st-johnii* (R.T. Baker) R.T. Baker.
- Eucalyptus incrassata** Labill. var. **incrassata** includes *E. incrassata* var. *costata* (Behr & F. Muell. ex Miq.) N.T. Burbidge. See Boomsma, *Trans. Roy. Soc. S. Aust.* 93: 157-158 (1969).
- Eucalyptus incrassata** var. **costata** (Behr & F. Muell. ex Miq.) N.T. Burbidge. See *E. incrassata* var. *incrassata*.
- Eucalyptus leucoxylon** F. Muell. var. **erythrostema** F. Muell. ex Miq., non sens. Willis (1970:422). According to Chippendale, *Austral. Forest Res.* 7: 89 (1976), this variety is referable to *E. leucoxylon* var. *leucoxylon*. *E. leucoxylon* var. *macrocarpa* J.E. Brown (syn. *E. leucoxylon* var. *erythrostema* sens. Willis) is a separate entity.
- Eucalyptus leucoxylon** F. Muell. var. **erythrostema** sens. Willis (1973:422). See *E. leucoxylon* var. *erythrostema* F. Muell. ex Miq.
- Eucalyptus maidenii** F. Muell. See *E. globulus* ssp. *maidenii*.
- Eucalyptus pauciflora** Sieber ex Spreng. var. **alpina** Ewart. See *E. pauciflora* ssp. *niphophila* (Maiden & Blakely) L. Johnson & D. Blaxell.
- Eucalyptus pauciflora** Sieber ex Spreng. ssp. **niphophila** (Maiden & Blakely) L. Johnson & D. Blaxell, *Contr. N.S.W. Nat. Herb.* 4: 379 (1973). Basionym: *E. niphophila* Maiden & Blakely.
- Eucalyptus pileata** sens. Willis (1973:437). See *E. cyanophylla*.
- Eucalyptus pseudoglobulus** Naudin ex Maiden. See *E. globulus* ssp. *pseudoglobulus*.
- Eucalyptus radiata** Sieber ex DC. ssp. **robertsonii** (Blakely) L. Johnson & D. Blaxell, *Contr. N.S.W. Nat. Herb.* 4: 380 (1973). Basionym: *E. robertsonii* Blakely.
- Eucalyptus robertsonii** Blakely. See *E. radiata* ssp. *robertsonii*.
- Eucalyptus st-johnii** (R.T. Baker) R.T. Baker. See *E. globulus* ssp. *pseudoglobulus*.
- Euphorbia australis** Boiss. See *Chamaesyce australis*.
- Euphorbia drummondii** Boiss. See *Chamaesyce drummondii*.
- Euphorbia eremophila** A. Cunn. See *E. tannensis* Spreng. ssp. *eremophila* (A. Cunn.) D.C. Hassall var. *eremophila*.
- Euphorbia tannensis** Spreng., Mant. Prima Fl. Halensis 42 (1807) (non *E. tannensis* Hort. ex Boiss. in DC., *Prodr.* 15 (2): 133 (1866)), ssp. *eremophila* (A. Cunn.) D.C. Hassall, *Austral. J. Bot.* 25: 439 (1977) var. *eremophila*. Basionym: *E.*

- eremophila* A. Cunn. Hassall cites one Victorian specimen (Millewa HS, coll. J.H. Willis, viii.1948 (MEL)). Other material previously determined as *E. eremophila* may belong to his new species *E. planiticola*.
- Gamochaeta purpurea** (L.) Cabrera, *Bol. Soc. Argent. Bot.* 9: 377 (1961). Basionym: *Gnaphalium purpureum* L., teste J. Holub in Tutin et al., *Fl. Europaea* 4: 127 (1976).
- Gasoul aitonis** (N.J. Jacq.) Hj. Eichler. See *Mesembryanthemum aitonis* N.J. Jacq.
- Gasoul crystallinum** (L.) Rothmaler. See *Mesembryanthemum crystallinum*.
- Gingidia harveyana** (F. Muell.) Dawson, *Contr. Herb. Austr.* No. 23: 1 (1976). Basionym: *Seseli harveyanum* F. Muell.
- Gleichenia circinnata** sens. Willis (1970:12). See *Gleichenia dicarpa*.
- Gleichenia dicarpa** R.Br. Synonym: *G. circinnata* sens. Willis (1970:12), non Swartz. See Willis in Wakefield, *Ferns Vict. Tas.* (revised Willis) 59 (1975). *G. circinnata* Swartz is a nomen dubium and should be discarded. See Holttum, *Fl. Males.*, Ser. 2, 1: 11 (1959).
- Glischrocaryon behrii** (Schlechtendal) A.E. Orchard, *Taxon* 19: 823 (1970). Basionym: *Londonia behrii* Schlechtendal.
- Gnaphalium indicum** auct., including Willis (1973), non L. See *G. polycaulon*.
- Gnaphalium polycaulon** Pers., *Syn. Pl.* 2: 421 (1807). Synonym: *G. indicum* auct. non L., teste Grierson, *Notes Roy. Bot. Gard. Edinburgh* 31: 135-138 (1971). The type of *G. indicum* L., is a non-Victorian *Helichrysum*.
- Gnaphalium purpureum** L. See *Gamochaeta purpurea*.
- Gonocarpus elatus** (A. Cunn. ex Fenzl) A.E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 219 (1975). Basionym: *Haloragis elata* A. Cunn. ex Fenzl.
- Gonocarpus mezianus** (Schindler) A.E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 216 (1975). Basionym: *Haloragis meziana* Schindler.
- Gonocarpus micranthus** Thunb., *Nova Genera Pl.* 55 (1783). Synonyms: *Haloragis micrantha* (Thunb.) R.Br. ex Sieb. & Zucc.; *Haloragis depressa* Walp. The subspecies which occurs in Victoria is ssp. *micranthus*. See Orchard, *Bull. Auckland Inst. Mus.* No. 10: 238 (1975).
- Gonocarpus serpyllifolius** Hook.f. Synonym: *Haloragis serpyllifolia* (Hook.f.) Walp., teste Orchard, *Bull. Auckland Inst. Mus.* No. 10: 178-180 (1975). Orchard cites only one collection from Victoria and states that more material is needed to clarify the situation.
- Gonocarpus tetragynus** Labill., *Novae Holl. Pl. Specim.* 39, tab. 53 (1805). Synonyms: *Haloragis tetragyna* (Labill.) Hook.f., *H. tetragyna* var. *bicallosa* Schindl., *H. tetragyna* var. *serrata* Schindl., *H. rubra* Schindler, teste Orchard, *Bull. Auckland Inst. Mus.* No. 10: 198-199 & 204 (1975).
- Gonocarpus teucroides** DC., *Prodr.* 3: 66 (1828) (*Goniocarpus*). Synonym: *Haloragis teucroides* (DC.) Schlechtendal., teste Orchard, *Bull. Auckland Inst. Mus.* No. 10: 167 (1975).
- Grevillea flavistyla**, nomen nudum, Churchill & de Corona (1972). The correct name for this taxon is *G. willisii* R.V. Smith & D.J. McGillivray, *Muelleria* 3: 102-111 (1975).
- Grevillea** sp., "Rock Grevillea", as in Willis (1973:41). The correct name is *G. willisii* R.V. Smith & D.J. McGillivray, *Muelleria* 3: 102-111 (1975).
- Haloragis aspera** Lindl. in Mitchell, *Journ. Trop. Aust.* 306 (1848). Synonym: *H. heterophylla* Brongn. var. *aspera* (Lindl.) Schindl., teste Orchard, *Bull. Auckland Inst. Mus.* No. 10: 110 (1975). Many of the specimens that Willis (1973:469) referred to *H. heterophylla* are included by Orchard in this taxon.
- Haloragis depressa** Walp. See *Gonocarpus micranthus*.
- Haloragis digyna** sens. Willis non Labill. See *H. myriocarpa*.
- Haloragis elata** A. Cunn. ex Fenzl. See *Gonocarpus elatus*.
- Haloragis heterophylla** Brongn. var. *aspera* (Lindl.) Schindl. See *H. aspera*.
- Haloragis meziana** Schindler. See *Gonocarpus mezianus*.
- Haloragis micrantha** (Thunb.) R.Br. ex Sieb. & Zucc. See *Gonocarpus micranthus*.
- Haloragis myriocarpa** A.E. Orchard, *Bull. Auckland Inst. Mus.* No. 10: 132 (1975). Synonym: *H. digyna* sens. Willis (1973:470), non Labill.

- Haloragis racemosa** Labill. var. **baeuerlenii** (F. Muell.) Schindl. See *Haloragodendron baeuerlenii*.
- Haloragis rubra** Schindl. See *Gonocarpus tetragynus*.
- Haloragis serpyllifolia** (Hook.f.) Walp. See *Gonocarpus serpyllifolius*.
- Haloragis tetragyna** (Labill.) Hook. See *Gonocarpus tetragynus*.
- Haloragis tetragyna** var. **bicallosa** Schindl. See *Gonocarpus tetragynus*.
- Haloragis tetragyna** var. **serrata** Schindl. See *Gonocarpus tetragynus*.
- Haloragis teucrioides** (DC.) Schlechtendal. See *Gonocarpus teucrioides*.
- Haloragodendron baeuerlenii** (F. Muell.) Orchard, *Bull. Auckland Inst. Mus.* No. 10: 143 (1975). Basionym: *Haloragis baennerlenii* F. Muell., *Trans. Roy. Soc. Vict.* 24: 132 (1888). Synonym: *H. racemosa* Labill. var. *baennerlenii* (F. Muell.) Schindl.
- Helminthotheca echioides** (L.) Holub, *Folia Geobot. & Phytotax.* 8: 176 (1973). See Lack, *Taxon* 24: 111-113 (1975). Basionym: *Picris echioides* L.
- Helxine soleirolii** Req. See *Soleirolia soleirolii*.
- Heterozostera tasmanica** (Martens ex Aschers.) den Hartog, Seagrasses of the World 116 (1970). Basionym: *Zostera tasmanica* Martens ex Aschers.
- Hibbertia astrotricha** (Sieber ex Spreng.) N.A. Wakefield. See *H. empetrifolia*.
- Hibbertia australis** N.A. Wakefield. According to Hoogland, *Kew Bull.* 29: 156 (1974) this is referable to *H. stricta* (DC.) F. Muell. He states that it agrees in all respects with the type of *Pleurandra stricta* R.Br. ex DC. which is the basionym of *H. stricta* (DC.) F. Muell.
- Hibbertia empetrifolia** (DC.) Hoogland, *Kew Bull.* 29: 155 (1974). Basionym: *Pleurandra empetrifolia* DC., *Syst.* 1: 420 (1817). Synonym: *H. astrotricha* (Sieber ex Spreng.) N.A. Wakefield.
- Hibiscus farragei** F. Muell. See *Radyera farragei*.
- Hierochloe redolens** (Soland. ex Vahl.) Roem. & Schult. var. **submutica** (F. Muell.) F. Muell. ex Benth. See *H. submutica*.
- Hierochloe submutica** F. Muell., *Trans. & Proc. Vict. Inst. Advancem. Sci.* 48 (1855). Synonym: *H. redolens* (Soland. ex Vahl.) Roem. & Schult. var. *submutica* (F. Muell.) F. Muell. ex Benth. See Vickery, *Fl. N.S.W.* No. 19 (2): 280 (1975).
- Homeria breyniana** var. **aurantiaca** (Sweet) G.J. Lewis. See *H. flaccida*.
- Homeria flaccida** Sweet, Sweet's Hortus Britannicus ed. 1, pt 2: 395 (1827, not 1826), based on *Moraea collina* a *miniata* uinor in *Curtis's Bot. Mag.* t. 1612 (1814). Synonym: *H. breyniana* var. *aurantiaca* (Sweet, ut sp.) G.J. Lewis in Adamson & Salter, Flora Cape Penins. 232 (1950), teste Goldblatt, *J.S. Africau Bot.* 39: 133-140 (1973).
- Hybanthus floribundus** (Lindl.) F. Muell. According to Bennett, *Nuytsia* 1: 231-234 (1972) the subspecies present in Victoria is ssp. *floribundus*.
- Hybanthus vernonii** (F. Muell.) F. Muell. According to Bennett, *Nuytsia* 1: 238-240 (1972) the subspecies present in Victoria is ssp. *vernonii*.
- Hymenophyllum australe** Willd. Croxall, *Austral. J. Bot.* 23: 518 (1975) retains this name for the species also known as *Mecodium australe* (Willd.) Copeland.
- Hymenophyllum flabellatum** Labill. Croxall, *Austral. J. Bot.* 23: 521 (1975) retains this name for the species also known as *Mecodium flabellatum* (Labill.) Copeland.
- Hypericum elatum** Aiton. See *H. inodorum*.
- Hypericum inodorum** Miller, Gard. Dict., ed. 8, No. 6 (1768). Synonym: *H. elatum* Aiton teste Robson in Tutin et al., *Fl. Europ.* 2: 263 (1968).
- Inula graveolens** L. See *Dittrichia graveoleus*.
- Isolepis marginata** (Thunb.) A. Dietrich. See *Scirpus marginatus*.
- Isopogon anemonifolius** (Salisb.) Knight var. **tenuifolius** F. Muell. ex Benth. See *I. prostratus*.
- Isopogon prostratus** D. McGillivray, *Telopea* 1: 32 (1975). Synonym: *I. aueuiouifolius* (Salisb.) Knight var. *tenuifolius* F. Muell. ex Benth.
- Kochia** Roth. For Victorian species previously referred to this genus see the genus *Maireana* under the respective specific epithet (except for the five species given below) (Wilson, *Nuytsia* 2: 2-83 (1975)).

- Kochia crassiloba** R.H. Anderson. See *Maireana enchytraenoides*.
- Kochia excavata** J.M. Black var. **trichoptera** J.M. Black. See *Maireana trichoptera*.
- Kochia tomentosa** F. Muell. See *Maireana appressa*.
- Kochia villosa** Lindl. var. **tenuifolia** F. Muell. ex Benth. See *Maireana decalvans*.
- Kochia** sp. [aff. *K. georgei* Diels], Willis (1973:106). See *Maireana turbinata*.
- Kunzea ericifolia** F. Muell., *Trans. & Proc. Vict. Inst. Advancem. Sci.* 123 (1855) non (Sm.) Benth. (1867). Synonym: *K. muelleri* Benth., *Fl. Austr.* 3: 113 (1867) teste Chapman, *Contr. Herb. Austr.* No. 18: 2 (1976).
- Kunzea muelleri** Benth. See *K. ericifolia*.
- Lagenifera** Cass. replaces *Lagenophora* Cass. The proposal to conserve Cassini's spelling *Lagenophora* (1818) over his earlier spelling *Lagenifera* (1815) has been rejected (McVaugh, *Taxon* 17: 329 (1968)).
- Lagenophora** See *Lagenifera*.
- Lastreopsis acuminata** (Houlston) Morton, *Contr. U.S. Natl. Herb.* 38: 245-46 (1973). Basionym: *Lastrea acuminata* Houlston, *Gard. Mag. Bot.* 1851: 317 (1851). Synonym: *Lastreopsis shepherdii* (Kunze) Tindale.
- Lastreopsis shepherdii** (Kunze) Tindale. See *L. acuminata*.
- Lemma oligorrhiza** Kurz. See *Spirodela oligorrhiza*.
- Lemma polyrhiza** L. See *Spirodela polyrhiza*.
- Leporella fimbriata** (Lindl.) A.S. George, *Nuytsia* 1: 183 (1971). Basionym: *Leptoceras fimbriata* Lindl.
- Leptoceras fimbriata** Lindl. See *Leporella fimbriata*.
- Leucanthemum lacustre** (Brot.) Samp. See *L. vulgare*.
- Leucanthemum vulgare** Lam., *Fl. Franc.* 2: 137 (1779). Synonym: *Chrysanthemum leucanthemum* L. Heywood, in Tutin et al., *Fl. Europaea* 4: 176 (1976), lists *L. lacustre* (Brot.) Samp., *Lista Esp. Herb. Port* 132 (1913) [Basionym: *C. lacustre* Brot.] as one of 15 main variants of *L. vulgare* Lam. He notes that the latter species or species complex is very variable and that, on present knowledge, the recognition of its various components as species is premature.
- Libertia pulchella** (R.Br.) Spreng. See *Sisyrinchium pulchellum*.
- Lindsaea**. The correct spelling for the genus known as *Lindsaya*. See Kramer & Tindale, *Telopea* 1: 93 (1976).
- Lindsaea cuneata** (Forst.f.) C. Christen. See *L. trichomanoides*.
- Lindsaea trichomanoides** Dryand. in *Trans. Linn. Soc. London* 3: 43 (1797). Synonym: *L. cuneata* (Forst.f.) C. Christen., *Index Filicum* 25 (1905) non Willd. (1810) teste Allan, *Fl. New Zealand* 1: 1011 (1961) and Kramer & Tindale, *Telopea* 1: 107 (1976).
- Lindsaya** See *Lindsaea*.
- Lolium perenne** L. ssp. **rigidum** (Gaud.) Löve & Löve, *Folia Geobot. & Phytotax.* 10: 273 (1975). Basionym: *L. rigidum* Gaud., *Agrostol. Helv.* 1: 334 (1811).
- Lolium rigidum** Gaud. See *Lolium perenne* ssp. *rigidum*.
- Loudonia behrii** Schlechtendal. See *Glischrocaryon behrii*.
- Luzula campestris** (L.) DC. Australian populations have been segregated from this northern hemisphere species by Nordenskiöld (1969) and Edgar (1975). See the several *Luzula* spp. mentioned on pp. 178-179.
- Lycopsis arvensis** L. See *Anchusa arvensis*.
- Machaerina** Vahl. The species placed by Willis (1970:242-245) under *Cladium* P. Browne and subsequently (1970:438) reconsidered (except *C. procerum*) by him under *Baumea* Gaudich. have also been placed by some authors in the genus *Machaerina* Vahl. The retention of *Cladium procerum* S.T. Blake in *Cladium* sensu stricto seems generally acceptable to most authors, although Kern, *Fl. Males. Ser. 1*, 7: 690 (1974), queries its acceptance at species level and considers it best maintained as a subspecies (ssp. *intermedium* Kük.) of the cosmopolitan and variable *C. mariscus* (L.) Pohl. Generic placement of the species other than *C. procerum* depends on whether or not *Baumea* is considered generically distinct from *Machaerina*— the latter name has priority if both genera are united.

Although Blake, *Contr. Qd Herb.* No. 8: 22-30 (1969), regarded *Baumea* as distinct, Koyama, *Bot. Mag. Tokyo* 69: 59-67 (1956), and Kern, *Acta Bot. Neerl.* 8: 263-8 (1959) and *Fl. Males.* Ser. 1, 7: 690-703 (1974), retained it in *Machaerina*.

See Willis (1970:438) for equivalent names under *Cladium* and *Baumea*. Equivalent names under *Machaerina* are:— *M. acuta* (Labill.) Kern = *B. acuta* (Labill.) Palla; *M. articulata* (R.Br.) Koyama = *B. articulata* (R.Br.) S.T. Blake; *M. guinii* (Hook.f.) Kern = *B. guinii* (Hook.f.) S.T. Blake; *M. juncea* (R.Br.) Koyama = *B. juncea* (R.Br.) Palla; *M. laxa* (Nees) Koyama = *B. laxa* (Nees) Boeck; *M. rubiginosa* (Spreng.) Koyama = *B. rubiginosa* (Spreng.) Boeck; *M. tereifolia* (R.Br.) Koyama = *B. teretifolia* (R.Br.) Palla; *M. tetragona* (Labill.) Koyama = *B. tetragona* (Labill.) S.T. Blake.

Maireana aphylla (R.Br.) P.G. Wilson, *Nuytsia* 2: 54 (1975). Basionym: *Kochia aphylla* R.Br.

Maireana appressa (Benth.) P.G. Wilson, *Nuytsia* 2: 54 (1975). Basionym: *Kochia appressa* Benth. (1870). Synonym: *K. tomentosa* F. Muell. (1859). Mueller's epithet "tomentosa" cannot be transferred to *Maireana* for this species as the resulting name is preoccupied by *M. tomentosa* Moquin (1840), a non-Victorian species.

Maireana brevifolia (R.Br.) P.G. Wilson, *Nuytsia* 2: 22 (1975). Basionym: *Kochia brevifolia* R.Br.

Maireana cheelii (R.H. Anderson) P.G. Wilson, *Nuytsia* 2: 20 (1975). Basionym: *Kochia cheelii* R.H. Anderson.

Maireana decalvans (Gandoger) P.G. Wilson, *Nuytsia* 2: 46 (1975). Basionym: *Enchytraena decalvans* Gandoger. Synonym: *Kochia villosa* Lindl. var. *tenuifolia* F. Muell. ex Benth. pro parte, incl. lectotype. *K. villosa* var. *tenuifolia* F. Muell. ex Benth., sens. Willis (1973:105).

Maireana enchytraenoides (F. Muell.) P.G. Wilson, *Nuytsia* 2: 24 (1975). Basionym: *Bassia enchytraenoides* F. Muell., *Syst. Census Austral. Pl.* 1: 30 (1882). Synonym: *Kochia crassiloba* R.H. Anderson.

Maireana erioclada (Benth.) P.G. Wilson, *Nuytsia* 2: 39 (1975). Basionym: *Kochia triptera* var. *erioclada* Benth.

Maireana excavata (J.M. Black) P.G. Wilson, *Nuytsia* 2: 31 (1975). Basionym: *Kochia excavata* J.M. Black.

Maireana humillima (F. Muell.) P.G. Wilson, *Nuytsia* 2: 32 (1975). Basionym: *Kochia humillima* F. Muell.

Maireana oppositifolia (F. Muell.) P.G. Wilson, *Nuytsia* 2: 23 (1975). Basionym: *Kochia oppositifolia* F. Muell.

Maireana pentagona (R.H. Anderson) P.G. Wilson, *Nuytsia* 2: 27 (1975). Basionym: *Kochia pentagona* R.H. Anderson.

Maireana pentatropis (Tate) P.G. Wilson, *Nuytsia* 2: 39 (1975). Basionym: *Kochia pentatropis* Tate.

Maireana pyramidata (Benth.) P.G. Wilson, *Nuytsia* 2: 41 (1975). Basionym: *Kochia pyramidata* Benth.

Maireana radiata (P.G. Wilson) P.G. Wilson, *Nuytsia* 2: 53 (1975). Basionym: *Kochia radiata* P.G. Wilson.

Maireana rohrlachii (P.G. Wilson) P.G. Wilson, *Nuytsia* 2: 46 (1975). Basionym: *Kochia rohrlachii* P.G. Wilson.

Maireana sclerolaenoides (F. Muell.) P.G. Wilson, *Nuytsia* 2: 18 (1975). Synonym: *Bassia sclerolaenoides* (F. Muell.) F. Muell.

Maireana sedifolia (F. Muell.) P.G. Wilson, *Nuytsia* 2: 36 (1975). Basionym: *Kochia sedifolia* F. Muell.

Maireana trichoptera (J.M. Black) P.G. Wilson, *Nuytsia* 2: 31 (1975). Basionym: *Kochia excavata* J.M. Black var. *trichoptera* J.M. Black.

Maireana triptera (Benth.) P.G. Wilson, *Nuytsia* 2: 38 (1975). Basionym: *Kochia triptera* Benth.

Maireana turbinata P.G. Wilson, *Nuytsia* 2: 34 (1975). Listed by Willis (1973:106) as *Kochia* sp. [aff. *K. georgei* Diels].

- Marianthus bignoniaceus** F. Muell. See *Billardiera bignoniacea*.
- Marianthus procumbens** (Hook.) Benth. See *Billardiera procumbens*.
- Mecodium australe** (Willd.) Copeland. See *Hymenophyllum australe*.
- Mecodium flabellatum** (Labill.) Copeland. See *Hymenophyllum flabellatum*.
- Mesembryanthemum aitonis** N.J. Jacq. Synonym: *Gasoul aitonis* (N.J. Jacq.) Hj. Eichler. See McVaugh, *Taxon* 23: 820 (1974).
- Mesembryanthemum crystallinum** L. Synonym: *Gasoul crystallinum* (L.) Rothmaler. See McVaugh, *Taxon* 23: 820 (1974).
- Microlepидium pilosulum** F. Muell. Synonym: *Capsella pilosula* (F. Muell.) F. Muell. teste E. Shaw, *Contr. Gray Herb.* No. 205: 158 (1974).
- Microtis biloba** W.H. Nicholls. See *M. unifolia*.
- Microtis bipulvinaris** W.H. Nicholls. See *M. parviflora*.
- Microtis parviflora** R.Br. Synonyms: *M. bipulvinaris* W.H. Nicholls and *M. holmesii* W.H. Nicholls, teste Jones, *Orchadian* 5: 84 (1976).
- Microtis unifolia** (Forst.f.) Reichenb.f. Synonym: *M. bilobata* W.H. Nicholls, teste Jones, *Orchadian* 5: 84 (1978).
- Misopates orontium** (L.) Rafin., Autikon Bot. 158 (1840). Basionym: *Antirrhinum orontium* L. teste D.A. Webb in Tutin et al., *Fl. Europaea* 3: 224 (1972).
- Monachather paradoxum** Steud. See *Danthonia*.
- Montia australasica** (Hook.f.) Pax & Hoffm. Synonyms: *Neopaxia australasica* (Hook.f.) Ö. Nilsson, *Bot. Not.* 119: 469 (1966), teste McNeill, *Canad. J. Bot.* 53: 789-809 (1975) (Note: McNeill misspelt *M. australasica* as *M. australiensis*); *Paxia australasica* (Hook.f.) Ö. Nilsson, *Bot. Not.* 119: 275 (1966) in the genus *Paxia* Ö. Nilsson (1966)—an illegitimate name as *Paxia* Ö. Nilsson is a later homonym.
- Montia perfoliata** (Donn. ex Willd.) Howell. See *Claytonia perfoliata*.
- Myosotis caespitosa** C.F. Schultz. See *M. laxa* Lehm. ssp. *caespitosa*.
- Myosotis laxa** Lehm. ssp. **caespitosa** (C.F. Schultz) Hyl. ex Nordh., *Norsk. Fl.* 529 (1940). Basionym: *M. caespitosa* C.F. Schultz, teste Gran & Merzmüller in Tutin et al., *Fl. Europaea* 3: 116 (1972).
- Myriophyllum aquaticum** (Vellozo) Verdcourt, *Kew Bull.* 28: 36 (1973). Basionym: *Enydria aquatica* Vellozo, *Fl. Flumin.* 57 (1825) & *icones* I, t. 150 (1835). Synonym: *M. brasiliense* Cambess.
- Myriophyllum brasiliense** Cambess. See *M. aquaticum*.
- Neopaxia australasica** (Hook.f.) Ö. Nilsson. See *Montia australasica*.
- Nitraria billardieri** DC., *Prodr.* 3: 456 (1828). Synonym: *N. schoberi* sens. auct. Aust., non L., teste A. Chevalier, *Rev. Int. Bot. Appl. Agric. Trop.* 29: 597 (1949).
- Nitraria schoberi** sens. auct. Aust., non L. See *N. billardieri*.
- Notobasis syriaca** (L.) Cass. in Cuvier (edit.), *Dict. Sci. Nat.*, ed. 2, 35: 171 (1825). According to the index of Tutin et al., *Fl. Europaea* 4 (1976) this is the correct name for *Cirsium syriacum* (L.) Gaertn.
- Notodanthonia tenuior** (Steud.) S.T. Blake. See *Danthonia*.
- Olearia dentata** Moench, nom. illegit. See *O. tomentosus*.
- Olearia tomentosus** (J.C. Wendland) DC., *Prodr.* 5: 252 (1836). Basionym: *Aster tomentosus* J.C. Wendland. Synonym: *O. dentata* Moench, nom. illegit. teste Rickett & Stafleu, *Taxon* 9: 124 (1960).
- Oxalis lactea** Hook. See *O. magellanica*.
- Oxalis magellanica** Forst.f., *Comm. Gött.* 9: 33 (1789). Synonym: *O. lactea* Hook., teste Veldkamp, *Fl. Males.*, ser. 1, 7: 156-157 (1971).
- Paracaleana minor** (R.Br.) D.F. Blaxell, *Contr. N.S.W. Natl. Herb.* 4: 281 (1972). Basionym: *Caleana minor* R.Br. Synonym: *P. sullivanii* (F. Muell.) D.F. Blaxell, *Contr. N.S.W. Natl. Herb.* 4: 282 (1972), teste Jones, *Orchadian* 5: 126 (1977).
- Paracaleana sullivanii** (F. Muell.) D.F. Blaxell. See *P. minor*.
- Paronychia chilensis** auct. Aust., non DC. See *P. fruticulosa*.
- Paronychia franciscana** Eastwood, *Bull. Torrey Bot. Club* 28: 288 (1901). Synonym: *P. chilensis* auct. Aust., non DC. See Aston, *Muelleria* 3: 209-214 (1977).

Paspalidium constrictum (Domin) C.E. Hubbard, *Kew Bull.* 447 (1934). Vickery, *Fl. N.S.W.* No. 19 (2): 145 (1975) states that this name should be applied to part or all of the population described by Willis (1962:193) as *P. gracile* (R.Br.) D.K. Hughes.

Paspalidium gracile sens. Willis, non (R.Br.) D.K. Hughes. See *P. constrictum*.

Paspalum distichum L. The type material of this species is a mixture of two species — the one which has always been known as *P. distichum* L. and a second one which has gone under the name of *P. vaginatum* Sw. Opinions differ as to which portion of the type material should be chosen as lectotype and thus represent the entity to which the name *P. distichum* must be applied in future. Guédès, *Taxon* 25: 512-513 (1976) and 27: 128-129 (1978), gives reasons for believing that Linnaeus intended the name *P. distichum* to be used for the entity for which it used to be used; Fosberg, *Taxon* 26: 201-202 (1977), states that according to the Guide for Determination of Types in the International Code the specimen which must be chosen as lectotype is the one which was formerly known as *P. vaginatum* Sw. If the latter is chosen the taxon which was formerly known as *P. distichum* L. must be known as *P. paspalodes* (Michx.) Scribn., *Mem. Torrey Bot. Club* 5: 29 (1894).

Paspalum paspalodes (Michx.) Scribn. See *P. distichum*.

Patersonia longifolia R.Br. See *P. sericea*.

Patersonia longiscapa Sweet. See *P. occidentalis*.

Patersonia occidentalis R.Br., Prodr. Fl. Novae Holl. 304 (1810). Synonym: *P. longiscapa* Sweet, teste Geerinck, *Bull. Jard. Bot. Natl Belg.* 44: 50 (1974).

Patersonia sericea R.Br. ex Ker-Gawl., *Curtis's Bot. Mag.* t. 1041 (1807). Synonym: *P. longifolia* R.Br., teste Geerinck, *Bull. Jard. Bot. Natl Belg.* 44: 53 (1974).

Paxia australasica (Hook.f.) Ö. Nilsson. See *Moutia australasica*.

Pennisetum alopecuroides (L.) Spreng., *Syst. Veg.* 1: 303 (1824). Synonym: *P. compressum* R.Br., teste Vickery, *Fl. N.S.W.* No. 19 (2): 251 (1975).

Pennisetum compressum R.Br. See *P. alopecuroides*.

Phalaris aquatica L., Amoen. Acad. 4: 264 (1755). Synonyms: *P. tuberosa* L. and *P. tuberosa* L. var. *stenoptera* (Hack.) Hitchc., teste Vickery, *Fl. N.S.W.* No. 19 (2):

Phalaris tuberosa L. and **P. tuberosa** L. var. **stenoptera** (Hack.) Hitchc. See *P. aquatica*.

Phibalium glandulosum Hook. Wilson, *Nuytsia* 1: 78-80 (1970) defines three subspecies of *P. glandulosum*. It is ssp. *glandulosum* which is present in Victoria.

Phibalium squamulosum Vent. ssp. **alpinum** (Benth.) P.G. Wilson, *Nuytsia* 1: 85 (1970). Basionym: *P. squamulosum* var. *alpinum* (F. Muell.) Benth.

Phlegmatospermum cochlearinum (F. Muell.) O.E. Schulz var. **eremaeum** J.M. Black. See *P. eremaeum*.

Phlegmatospermum eremaeum (J.M. Black) E. Shaw, *Contr. Gray Herb.* No. 205: 151 (1974). Synonym: *P. cochlearinum* (F. Muell.) O.E. Schulz var. *eremaeum* J.M. Black.

Phragmites australis (Cav.) Trin. ex Steud., *Nomencl. Bot.* ed. 2, 2: 324 (1841). Synonyms: *Arundo phragmites* L., Spec. Pl. 81 (1753). *Arundo australis* Cav., Ann. Hist. Nat. 1: 100 (1799). *Phragmites communis* Trin., Fund. Agrost. 134 (1824). See Clayton, *Taxon* 17: 168 (1968).

Phragmites communis Trin. See *P. australis*.

Pieris echoioides L. See *Helminthotheca echoioides*.

Plagiochloa acutiflora (Nees) Adamson & Sprague, *J. S. African Bot.* 7: 90 (1941). Basionym: *Brizypyrum acutiflorum* Nees. Synonym: *Desmazeria acutiflora* (Nees) W.B. Hemsley. B.K. Simon (pers. comm.) states that *Plagiochloa* is the correct generic name for this taxon.

Plantago drummondii Decaisne in DC., Prodr. 13 (1): 701 (1852). Synonym: *P. pritzelii* Pilger, teste Briggs, Carolin & Pulley, *Fl. N.S.W.* No. 181: 34 (1977).

Plantago pritzelii Pilger. See *P. drummondii*.

- Plantago tasmanica** sens. Willis (1973:606) non Hook.f. Probably *P. alpestris* Briggs, Carolin & Pulley, *Contr. N.S.W. Natl Herb.* 4: 395 (1973). See Briggs, Carolin & Pulley, *Fl. N.S.W.* No. 181: 18 (1977).
- Plinthanthes paradoxo** (R.Br.) S.T. Blake. See *Danthonia*.
- Pneumatopteris pennigera** (Forst.f.) Holttum, *Blumea* 21: 305 (1973). Basionym: *Polypodium pemigerum* Forst.f., *Fl. Insul. Austr. Prodr.* 82 (1786). Synonym: *Cyclosorus pemigerus* (Forst.f.) Copeland.
- Poa exilis** J.W. Vickery. See *P. meionectes*.
- Poa meionectes** J.W. Vickery, *Contr. N.S.W. Natl Herb.* 4: 250 (1972). Synonym: *P. exilis* J.W. Vickery, *Contr. N.S.W. Natl Herb.* 4: 212 (1970), non *P. exilis* Murbeck, *Lund Univ. Årsskrift, n.f., Afd. 2, Bd 1, No. 4:* 73 (1905).
- Podosperma angustifolium** Labill. See *Podotheca angustifolia*.
- Podotheca angustifolia** (Labill.) Lessing. Basionym: *Podosperma angustifolium* Labill. *Podotheca* has now been conserved. See McVaugh, *Taxon* 16: 229 (1967) and Willis (1973:719-20).
- Polyscias sambucifolius** (Sieb. ex DC.) Harms in Engler & Prantl, *Natürl. Pflanzenfam.* III. 8: 47 (1898). This name is used in Beadle, Evans & Carolin, Fl. Sydney Region 391 (1972) for the species which is given as *Tieghemopanax sambucifolius* (Sieb. ex DC.) Viguier in Willis (1973:476).
- Potamogeton cheesemanii** sens. auct. Aust. See *P. tricarinatus*.
- Potamogeton sulcatus** A. Benn. See *P. tricarinatus*.
- Potamogeton tricarinatus** F. Muell. & A. Benn. ex A. Benn. includes *P. cheesemanii* sens. auct. Aust. and *P. sulcatus* A. Benn., teste Aston (1973:286).
- Poterium polygamum** Waldst. & Kit. See *Sanguisorba minor* ssp. *muuricata*.
- Prasophyllum colemanae** R.S. Rogers. See *P. odoratum*.
- Prasophyllum fuscoviride** F.M. Reader. See *P. nigricans*.
- Prasophyllum nigricans** R.Br., non sens. auct. Aust. Synonym: *P. fuscoviride* F.M. Reader, teste George, *Nuytsia* 1: 188 (1971). The species formerly erroneously known as *P. uigricans*, as in Willis (1970:366), is at present without a name. The genus is currently being revised.
- Prasophyllum odoratum** R.S. Rogers. Synonym: *P. colemanae* R.S. Rogers, teste Jones, *Orchadian* 5: 84 (1976).
- Prunus amygdalus** Batsch. See *P. dulcis*.
- Prunus dulcis** (Miller) D.A. Webb, *Feddes Repert.* 74: 24 (1967). Basionym: *Amygdalus dulcis* Miller. Synonyms: *A. communis* L., *P. communis* (L.) Arcangeli non Hudson, *P. amygdalus* Batsch., teste Webb in Tutin et al., Fl. Europaea 2: 78 (1968).
- Pterostylis acuminata** R.Br. var. **ingens** H.M.R. Rupp. See *P. x ingens*.
- Pterostylis barbata** Lindl. See *P. plumosa*.
- Pterostylis celans** H.M.R. Rupp. See *P. uana*.
- Pterostylis crypta** W.H. Nicholls. See *P. obtusa*.
- Pterostylis x ingens** (H.M.R. Rupp) D.L. Jones, *Orchadian* 5: 54 (1976). Basionym: *P. acuminata* R.Br. var. *ingens* H.M.R. Rupp.
- Pterostylis nana** R.Br. Synonym: *P. celsa* H.M.R. Rupp, teste Jones, *Orchadian* 5: 128 (1977).
- Pterostylis obtusa** R.Br. Synonym: *P. crypta* W.H. Nicholls, teste Jones, *Orchadian* 5: 127.
- Pterostylis plumosa** L.I. Cady, *Austral. Pl.* 5: 138, fig. B-D (1969). This name is now applied to the eastern Australian population of the species formerly known as *P. barbata*. *P. barbata* Lindl. sens. strict. is confined to Western Australia.
- Pterostylis robusta** R.S. Rogers. See *P. scabra* var. *robusta*.
- Pterostylis scabra** Lindl. var. **robusta** (R.S. Rogers) A.S. George, *Nuytsia* 1: 191 (1971). Basionym: *P. robusta* R.S. Rogers.
- Pultenaea juniperina** Labill. var. **mucronata** (Benth.) M.G. Corrick, *Muelleria* 3: 249 (1977). Basionym: *P. flexilis* Sm., *Annu. Bot. (König & Sims)* 1: 502 (1805) var. *inuncronata* Benth., *Fl. Austr.* 2: 135 (1864). Synonym: *P. juniperina* Labill. var. *plauifolia* H.B. Williamson, *Proc. Roy. Soc. Vict.*, new ser., 33: 138 (1921).

- Pultenaea juniperina** Labill. var. **planifolia** H.B. Williamson. See *P. juniperina* var. *mucronata*.
- Pultenaea maidenii** F.M. Reader. Beaglehole, Vict. Nat. 95: 72 (1978), states that this appears to be a hybrid between *P. benthamii* F. Muell. and *P. scabra* R.Br.
- Radyera farragei** (F. Muell.) Fryzell & Hashmi, Bot. Gaz. (Chicago) 132: 62 (1971). Basionym: *Hibiscus farragei* F. Muell.
- Rhytidosporum procumbens** (Hook.) F. Muell. See *Billardiera procumbens*.
- Romulea rosea** (L.) Eckl. var. **australis** (Ewart) de Vos, J. S. African Bot., Suppl. 9: 254 (1972). Basionym: *R. cruciata* (Ker) Eckl. var. *australis* Ewart, Proc. Roy. Soc. Vict. 19: 43 (1907). Synonym: *R. longifolia* (Salisb.) Baker.
- Romulea longifolia** (Salisb.) Baker. See *R. rosea* var. *australis*.
- Rorippa dictyosperma** (Hook.) L. Johnson, Contr. N.S.W. Natl Herb. 3: 97 (1962). Basionym: *Cardamine dictyosperma* Hook.
- Rorippa gigantea** (Hook.f.) Garnock-Jones, New Zealand J. Bot. 16: 119 (1978). Basionym: *Arabis gigantea* Hook.f., Icon. Pl. t. 259 (1840). Synonyms: *R. stylosa* (DC.) H. Allan Fl. New Zealand 1: 188 (1961) non (Pers.) Mansf. & Rothm., *Cardamine stylosa* DC.
- Rorippa laciniata** (F. Muell.) L. Johnson, Contr. N.S.W. Natl Herb. 3: 97 (1962). Basionym: *Cardamine laciniata* F. Muell.
- Rorippa stylosa** (DC.) H. Allan. See *R. gigantea*.
- Rubus laciniatus** Willd. ssp. **selmeri** (Lindeberg) Beek, Meded. Bot. Mus. Herb. Rijksuniv. Utrecht No. 415: 67 (1974). Basionym: *R. selmeri* Lindeberg.
- Rubus selmeri** Lindeberg. See *R. laciniatus* ssp. *selmeri*.
- Sanguisorba minor** Scop. ssp. **muricata** Briq., Prodr. Fl. Corse 2(1): 210 (1913). Synonym: *Poterium polygamum* Waldst. & Kit., teste Proctor Nordborg in Tutin et al., Fl. Europaea 2: 34 (1968).
- Scirpus americanus** auct. plur. incl. Willis (1970:225), non Pers. See *S. pungens*.
- Scirpus antarcticus** auct. Aust. and **S. antarcticus** L. See *S. marginatus*.
- Scirpus calocarpus** S.T. Blake. See *S. hookeranus*.
- Scirpus hookeranus** (Boeck.) S.T. Blake, Contr. Qd Herb. No. 8: 19 (1969). Basionym: *Isolepis hookerana* Boeck., Flora 41: 418 (1858). Synonym: *S. calocarpus* S.T. Blake.
- Scirpus marginatus** Thunb., Prodr. Pl. Capensium 17 (1794). Synonyms: *Isolepis marginata* (Thunb.) A. Dietrich, Spec. Pl., ed. 6, 1 (2): 110 (1833); *Scirpus antarcticus* auct. Aust. incl. Blake, Contr. Qd Herb. No. 8: 16-17 (1969), non L. Raynal, Adansonia, Ser. 2, 14: 207-08, 212-13 (1974), retains this taxon in the genus *Isolepis* (as *I. marginata* (Thunb.) A. Dietrich) but as Willis (1970:224) includes *Isolepis* in the genus *Scirpus* the name *S. marginatus* is used here. Raynal states that *S. antarcticus* L. does not occur in Australia.
- Scirpus pungens** Vahl. Synonym: *S. americanus* auct. plur., non Pers., teste Schuyler, Rhodora 76: 51-52 (1974). *S. americanus* Pers. is a separate species which has been known as *S. olneyi* Gray and which does not occur in Victoria.
- Seseli harveyanum** F. Muell. See *Gingidia harveyana*.
- Sisyrinchium pulchellum** (R.Br.) F. Muell. Synonym: *Libertia pulchella* (R.Br.) Spreng. teste Geerinck, Bull. Jard. Bot. Natl Belg. 44: 59 (1974).
- Solanum americanum** Miller. See *S. nodiflorum* Jacq.
- Solanum douglasii** sens. Willis, non Dunal. See *S. furcatum*.
- Solanum furcatum** Dunal in Lam. & Poir., Encycl. Meth. Bot., suppl. 3: 750 (1814). Synonym: *S. douglasii* sens. Willis (1973:551), non Dunal, teste Henderson, Contr. Qd Herb. No. 16: 58 (1974).
- Solanum nodiflorum** Jacq. A synonym of *S. americanum* Miller, Gard. Dict. ed. 8, No. 5 (1768), teste Hawkes & Edmonds in Tutin et al., Fl. Europaea 3: 197 (1972). Whether this applies to the Australian population is not known. Henderson, Contr. Qd Herb. No. 16: 30 (1974) has named the Australian population *S. nodiflorum* Jacq. ssp. *nutans* R.J. Henderson and stated that it is probably native to Australia.

- Soleirolia soleirolii** (Req.) Dandy, *Feddes Repert.* 70: 1 (1964). Basionym: *Helxine soleirolii* Req. teste Ball in Tutin et al., *Fl. Europaea* 1: 69 (1964).
- Sonchus megalocarpus** (Hook.f.) J.M. Black. See *Actites megalocarpa*.
- Sparganium erectum** L., Spec. Pl. 2: 971 (1753). Synonym: *S. ramosum* Huds., teste Cook, *Watsonia* 5: 1-10 (1961).
- Sparganium ramosum** Huds. See *S. erectum*.
- Sphaeropteris australis** (Presl.) Tryon, *Contr. Gray Herb.* No. 200: 24 (1970). Basionym: *Hemitelia australis* Presl., *Epimeliae Bot.* 33 (1852). Synonym: *Cyathea leichhardtiana* (F. Muell.) Copeland.
- Spiculaea huntiana** (F. Muell.) Schlechter. See *Arthrocilus huntianus*.
- Spirodela oligorrhiza** (Kurz) Hegelm. Basionym: *Lemna oligorrhiza* Kurz. See Aston (1973:249, 253).
- Spirodela polyrhiza** (L.) Schleid. Basionym: *Lemna polyrhiza* L. See Aston (1973: 249, 254).
- Stipa pubescens** R.Br. See *S. pubinodis*.
- Stipa pubinodis** Trin. & Rupr. Formerly misidentified as *S. pubescens* R.Br. in Tasmania, South Australia and Victoria according to Townrow, *Pap. & Proc. Roy. Soc. Tas.* 107: 26 (1974) but no further information given.
- Stipa stipoides** (Hook.f.) Veldkamp, *Blumea* 22: 11 (1974). Basionym: *Dichelachne stipoides* Hook.f., *Fl. Novae-Zeland.* 1: 294, t. 66 (1853). Synonym: *S. teretifolia* Steud.
- Stipa teretifolia** Steud. See *S. stipoides*.
- Tanacetum parthenium** (L.) Schultz Bip., *Tanacetene* 55 (1844). Synonym: *Chrysanthemum parthenium* (L.) Bernh. teste Heywood in Tutin et al., *Fl. Europaea* 4: 171 (1976).
- Tanacetum vulgare** L., Spec. Pl. 844 (1753). Synonym: *Chrysanthemum vulgare* (L.) Bernh. non (Lam.) Gatereau teste Heywood in Tutin et al., *Fl. Europaea* 4: 170 (1976).
- Tasmannia lanceolata** (Poir.) A.C. Smith, *Taxon* 18: 287 (1969). Basionym: *Winterania lanceolata* Poir. in Lam. & Poir., *Encycl. Meth. Bot.* 8: 799 (1808). Synonym: *Drimys lanceolata* (Poir.) Baill. [Vink, *Blumea* 18: 304-305 (1970) reverses Smith's synonymy and retains the species in the genus *Drimys*.]
- Tasmannia xerophila** (Parmentier) M. Gray, *Contr. Herb. Austr.* No. 26: 8 (1976). Basionym: *Drimys xerophila* Parmentier. [Vink, *Blumea* 18: 349 (1970), regards *D. xerophila* as a synonym of *D. piperita* Hook.f. entity 'xerophila'. See Willis (1973:157).]
- Tetrahitheca bauerifolia** F. Muell. ex Schuchardt. Syn. Tremandr. 29 (1853). Includes some of the plants that Willis (1973:195) referred to ? *T. ericifolia* Sm., teste Thompson, *Telopea* 1: 196 (1976).
- Tetrahitheca glandulosa** Labill. See *T. labillardieri*.
- Tetrahitheca glandulosa** Labill. var. **orbifolia** Blakely ex Court. See *T. labillardieri*.
- Tetrahitheca labillardieri** J. Thompson, *Telopea* 1: 189 (1976). Synonyms: *T. glandulosa* Labill., *Novae Holl. Pl. Specim.* 1: 96, t. 123 (Nov. 1805), non Sm. (March 1805); *T. glandulosa* var. *orbifolia* Blakely ex Court.
- Thelymitra aristata** Lindl., non sens. auct. Aust. Synonyms: *T. grandiflora* R.D. FitzG., teste George, *Nuytsia* 1: 193 (1971). *T. murdochiae* W.H. Nicholls, teste Jones, *Orchadian* 5: 128 (1977). The species previously erroneously known as *T. aristata* is at present without a name.
- Thelymitra azurea** R.S. Rogers. See *T. canaliculata*.
- Thelymitra canaliculata** R.Br., Prodr. Fl. Novae Holl. 314 (1810). Synonym: *T. azurea* R.S. Rogers, teste George, *Nuytsia* 1: 193 (1971).
- Thelymitra grandiflora** R.D. FitzG. See *T. aristata*.
- Thelymitra irregularis** W.H. Nicholls. Beaglehole, *Vict. Nat.* 95: 73 (1978), believes that this species is a hybrid between *T. ixoides* Swartz and *T. rubra* R.D. FitzG.
- Thelymitra murdochiae** W.H. Nicholls. See *T. aristata*.

- Tieghemopanax sambucifolius** (Sieb. ex DC.) Viguier. See *Polyscias sambucifolius*.
Trymalium ramosissimum J.W. Audas. Beauglehole, *Vict. Nat.* 95: 73 (1978), suspects that this rare plant is a hybrid between *T. d'altonii* F. Muell. and *Spiridium parvifolium* (Hook.) F. Muell.
Verbascum creticum (L.) Cav., *Elenchus Pl. Horti Matriot.* 39 (1803). Basionym: *Celsia cretica* L., teste I.K. Ferguson in Tutin et al., *Fl. Europaea* 3: 209 (1972).
Vicia angustifolia L. See *V. sativa* L. ssp. *nigra* (L.) Ehrh.
Vicia sativa L. ssp. **nigra** (L.) Ehrh., *Hannover Mag.* 1780 (15): 229 (1780). Synonym: *V. angustifolia* L., teste Ball in Tutin et al., *Fl. Europaea* 2: 134 (1968).
Wolfia arrhiza auct. Aust., incl. Willis (1970:270), non (L.) Hork. ex Wimmer. See *W. australiana* and *W. globosa*.
Wolfia australiana (Benth.) den Hartog & van der Plas, *Blumea* 20: 151 (1972). Basionym: *W. arrhiza* var. *australiana* Benth., *Fl. Austr.* 7: 162 (1878). One of two taxa formerly included in *W. arrhiza* auct. Aust., non (L.) Hork. ex Wimmer.
Wolfia globosa (Roxb.) den Hartog & van der Plas, *Blumea* 18: 367 (1970). Basionym: *Lemna globosa* Roxb. One of two taxa formerly included in *W. arrhiza* auct. Aust., non (L.) Hork. ex Wimmer.
Zostera tasmanica Martens ex Aschers. See *Heterozostera tasmanica*.

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REFERENCES

- Aston, H.I. (1973). 'Aquatic Plants of Australia'. (Melbourne University Press : Melbourne).
 Beauglehole, A.C. (1978). Alterations and additions to the vascular flora of Victoria — Pt 1. *Vict. Nat.* 95: 67-74.
 Benl, G. (1971). Ein Bestimmungsschlüssel für die Gattung *Ptilotus* R.Br. (Amaranthaceae). *Mitt. Bot. Staatssamml. München* 9: 135-176.
 Bennett, E.M. (1978). New taxa and new combinations in Australian Pittosporaceae. *Nuytsia* 2: 184-199.
 Churchill, D.M. & de Corona, A. (1972). 'The Distribution of Victorian Plants'. (Melbourne).
 Eichler, Hj. (1977). 'Guidelines for the Preparation of Botanical Taxonomic Papers'. (CSIRO : Melbourne).
 McGillivray, D.J. (1975). *Billardiera* Sm. and *Rhytidosporum* F. Muell. (Pittosporaceae) in New South Wales. *Telopea* 1: 55-57.
 McNeill, J. (1975). A generic revision of Portulacaceae tribe Montieae using techniques of numerical taxonomy. *Canad. J. Bot.* 53: 789-809.
 Tutin, T.G. et al. (edit.). 'Fl. Europaea' 1(1964), 2(1968), 3(1972) and 4(1976). (Cambridge University Press : Cambridge).
 Willis, J.H. (1970). 'A Handbook to Plants in Victoria 1. Ferns, Conifers & Monocotyledons'. ed. 2. (Melbourne University Press : Melbourne).
 Willis, J.H. (1973, not 1972). 'A Handbook to Plants in Victoria 2. Dicotyledons'. (Melbourne University Press : Melbourne).
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